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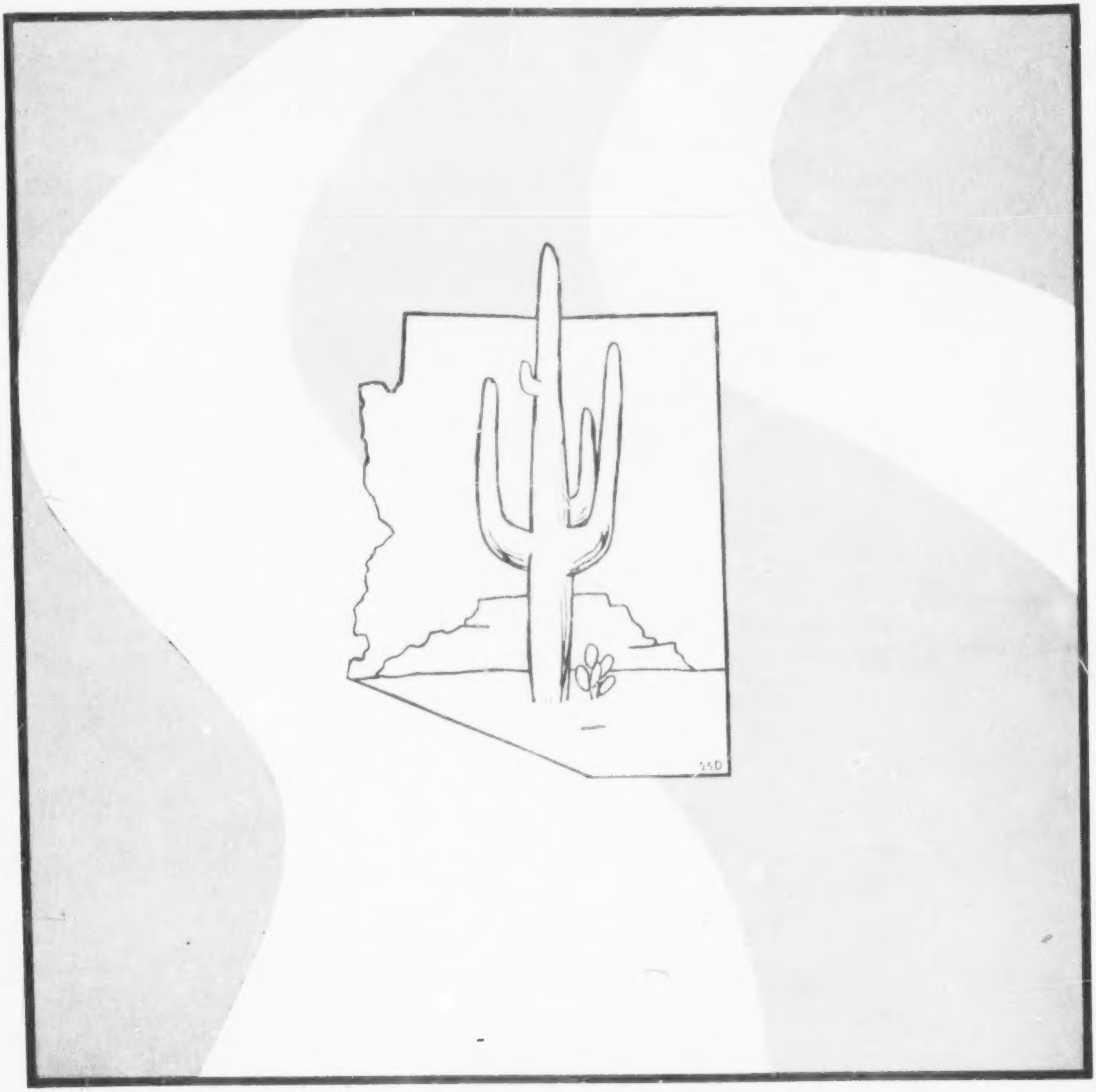
1982
ARIZONA
AGRICULTURAL STATISTICS



Arizona Crop and Livestock Reporting Service

ABOUT THE COVER

This year's cover incorporates our National and State logos to symbolize the scope of agricultural statistics.

The USDA's Statistical Reporting Service (SRS) logo was adopted in 1976. The simple contrasting "S's" represent contour farming in the United States, which in turn can be said to symbolize the farmer's complicated but highly successul stewardship of the soil.

The role of agricultural statistics i to factually document this successful stewardship by recording the past, monitoring the present and maybe even suggesting the future.

The 1982 chapter was one of mastery of production in the middle of a recession....with depressed markets and prices the reward for an excellence that not only courts the whims of nature each year but engages an increasing number of economic variables equally hard to predict.

Our national system of crop and livestock estimates is the envy of the world because it is consistent across the states, predictable as to timing, reliable, impartial and based upon a voluntary system that utilizes thousands of reports which are held in strictest confidence. Thus, the producer is provided an informed position in the market place that might not otherwise be available.

SRS and it's Crop Reporting Board coordinates the functioning of 44 State Statistical Offices which cover the 50 states. The Arizona Crop and Livestock Reporting Service (ACLRS) is one of these offices.

The ACLRS logo is unique only in the land of contrasts that it represents. It is a land of hostile deserts and mountain vistas. Significantly it is man's use of both the valleys and the elevations that has defined and enhanced their value. Arizona today stands as the epitome of modern agricultural resource management.

Ron Brantner
Statistician in Charge

Arizona Crop and Livestock Reporting Service
3001 Federal Bldg., Phoenix, Arizona 85025 (602) 261-3264
Statistical Reporting Service U.S. Department of Agriculture
University of Arizona, College of Agriculture

Ron Brantner, Statistician in Charge
Steven D. Wiyatt, Assistant Statistician in Charge
Steven Manheimer, Agricultural Statistician
Glenda L. Shepler, Agricultural Statistician
Gary H. Sullivan, Agricultural Statistician
Linda Hoffman, Computer Programmer
Evelyn S. Dye, Bulletin Coordinator

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THE UNIVERSITY OF ARIZONA
College of Agriculture
Department of Agricultural Economics

Henry Koffler, President
Bartley P. Cardon, Dean
College of Agriculture
Jimmye S. Hillman, Head
Department of Agricultural Economics

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service

William E. Kibler, Administrator
Wilbert H. Walther, Deputy
Administrator and Chairman
Crop Reporting Board
Raymond R. Hancock, Director
State Statistical Offices

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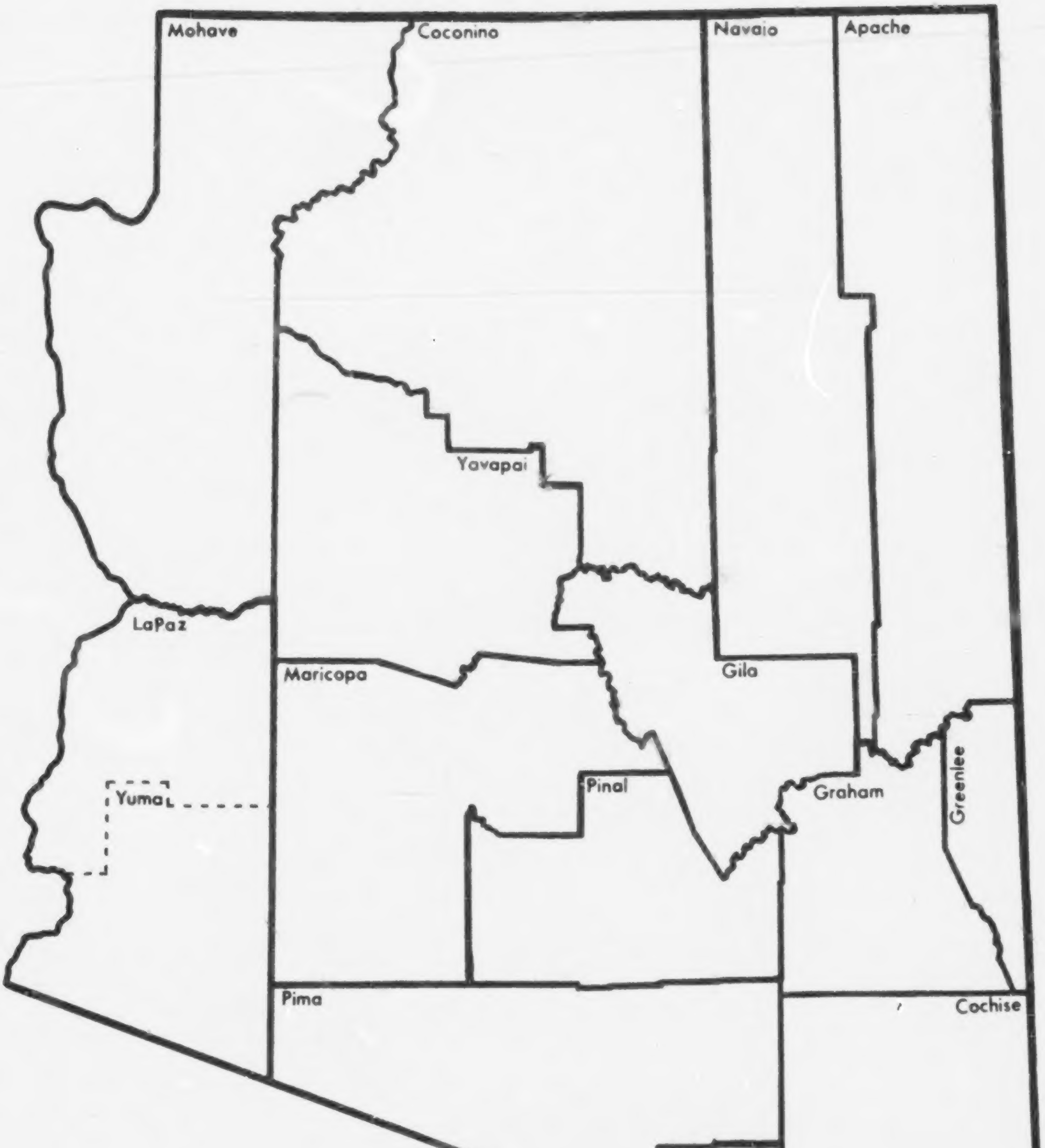
Mohave
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Yavapai
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Maricopa
Gila
Yuma
Pinal
Graham
Greenlee
Pima
Cochise
Santa Cruz

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

COLLEGE OF AGRICULTURE
DEPARTMENT OF AGRICULTURAL ECONOMICS
AGRICULTURE BUILDING # 36

The demand for facts and figures has never been greater. Paradoxically, threats against the availability of information also loom large. Information is vital to a free society; it is essential to an efficient agriculture.

The same world-wide recessionary forces that caused economic news to dominate front pages during 1982 were also stifling the resources used by agencies such as the U.S. Department of Agriculture and the College of Agriculture, University of Arizona to measure and size up agriculture. While economists were finding more economic variables to contend with, they were often finding it more difficult to measure those variables.

Decisions are inherently tougher in lean times. And during such times, many things we assumed during the periods of an expanding economy can no longer be taken for granted. The availability of good numbers is a primary example.

The sound decisions that vitally affect agriculture must be based on a continuous flow of necessary facts. If these numbers are to have integrity, they must continue to originate from voluntary sources who are under no compulsion to report. If these data are to be assembled and presented in an impartial manner, they must emanate from a scientific process that is free of politics and made available to all on an equitable basis. None of us should ever assume that the numbers we took for granted yesterday will automatically continue.

We are constantly reminded that the consumers of our statistical data are quite varied, even international in scope. We hope this eighteenth edition of "Arizona Agricultural Statistics" will satisfy a part of your many and varied statistical needs.

Your comments and suggestions about this publication and the data therein are always valued.

Jimmye S. Hillman
Head of Department

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STATE SUMMARY

The total number of farms and ranches in Arizona declined slightly in 1982, reversing the trend of past years. This number had been increasing steadily until 1982, due mainly to the increase in the number of mini-farms. A farm is defined as a place that sells or would normally sell $1,000 or more of agricultural products during a year. However, many of Arizona's "hobby" mini-farms are not included in the total as they do not qualify.

Total land in Arizona farms and ranches held steady in 1982 at 39,000,000 acres. Total land has tended to fluctuate over the years for two main reasons - the urbanization of old, established farm land and the conversion of raw desert land to new farm land. Arizona currently ranks number one in the nation in average size of farm while ranking eighth in total acres of all farm and ranch land.

NUMBER OF FARMS AND RANCHES AND LAND IN FARMS AND RANCHES: Selected States 1978-82 1/

State	Farms and ranches					Land in farms and ranches					1982 2/	
	1978	1979	1980	1981	1982 2/	1978	1979	1980	1981	1982 2/	Average size of farms & ranches	Rank
	Number					1,000 Acres					Acres	
Arizona	6,700	6,800	7,000	7,500	7,200	39,100	39,000	38,900	39,000	39,000	5,417	1
California	78,000	79,000	80,000	82,000	80,000	34,000	33,900	33,900	34,000	33,700	421	18
Colorado	26,900	26,300	26,500	26,500	26,000	37,000	36,700	36,500	36,500	35,800	1,377	7
Idaho	23,900	24,000	24,100	24,000	24,000	15,400	15,400	15,400	15,100	15,100	629	14
Kansas	76,000	75,000	75,000	76,000	76,000	48,300	48,300	48,300	48,500	48,500	638	13
Montana	23,600	23,700	23,800	23,900	24,000	62,100	62,100	62,100	62,100	62,100	2,588	6
Nevada	2,900	2,900	2,900	3,100	2,900	8,990	8,990	8,990	8,900	8,900	3,069	5
New Mexico	13,000	13,300	13,500	14,000	13,500	46,800	46,800	46,800	47,400	47,400	3,511	4
Oklahoma	73,000	72,000	72,000	71,000	71,000	35,000	34,600	34,600	34,300	34,300	483	16
Oregon	32,000	34,000	35,000	36,500	36,000	18,300	18,200	18,100	18,200	18,300	508	15
Texas	185,000	185,000	186,000	186,000	185,000	139,000	138,900	138,800	138,500	138,400	748	12
Utah	12,900	13,000	13,000	13,000	12,900	12,600	12,600	12,600	12,400	12,300	953	10
Washington	36,000	37,000	38,000	39,500	39,000	16,100	16,100	16,100	16,300	16,300	418	19
Wyoming	8,900	9,000	9,100	9,300	9,100	35,000	35,000	35,000	35,300	35,300	3,879	2
UNITED STATES	2,436,250	2,429,960	2,427,830	2,434,010	2,400,260	1,044,790	1,043,195	1,042,245	1,042,100	1,038,730	433	

1/ A farm is a place that sells or normally would sell $1,000 of agricultural produce.

2/ Preliminary.

RANKING OF STATES PRODUCING MAJOR ARIZONA COMMODITIES: Based on production 1980-82

Commodity	First			Second			Third			Fourth			Fifth			Arizona			Number of states in estimating program
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982	
All Cotton	TX	TX	CA	CA	CA	TX	AZ	AZ	MS	MS	MS	AZ	LA	LA	LA	3	3	4	17
Upland Cotton	TX	TX	CA	CA	CA	TX	AZ	MS	MS	MS	AZ	AZ	LA	LA	LA	3	4	4	17
American Pima Cotton	AZ	AZ	AZ	TX	TX	TX	NM	NM	NM	CA						1	1	1	3
Alfalfa Hay	WI	WI	WI	IA	IA	IA	CA	CA	CA	MN	MN	MN	NE	NE	SD	22	25	25	43
All Wheat	KS	ND	KS	OK	KS	ND	ND	TX	OK	WA	MT	MT	TX	OK	TX	21	24	30	41
Durum Wheat	ND	ND	ND	AZ	AZ	CA	CA	CA	MT	MT	MT	AZ	SD	SD	SD	2	2	4	6
Other Wheat	KS	KS	KS	OK	TX	OK	WA	OK	TX	TX	WA	WA	NE	MO	NE	31	36	33	41
Barley	ID	ND	ND	ND	ID	MT	CA	MN	ID	MT	MT	MN	MN	WA	WA	13	15	12	29
Corn for Grain	IA	IA	IA	IL	IL	IL	MN	NE	IN	NE	MN	NE	IN	IN	MN	34	35	37	41
Sorghum for Grain	TX	TX	TX	KS	KS	KS	NE	NE	NE	MO	MO	MO	OK	OK	OK	14	18	20	23
Sugarbeets	CA	CA	MI	MN	MN	CA	ID	ID	ID	ND	ND	ND	MI	MI	MI	12	12	11	15
Potatoes	ID	ID	ID	WA	WA	WA	ME	ME	ME	OR	OR	WS	CA	CA	CA.	23	23	25	38
Fresh Market Vegetables	CA	CA	CA	FL	FL	FL	TX	TX	AZ	AZ	AZ	TX	NY	NY	NY	4	4	3	31
Lettuce	CA	CA	CA	AZ	AZ	AZ	FL	FL	FL	CO	CO	NM	TX	TX	TX	2	2	2	13
Dry Onions	CA	CA	CA	TX	OR	TX	OR	TX	OR	NY	NY	NY	CO	CO	CO	11	10	10	15
Broccoli	CA	CA	CA	TX	TX	TX	OR	OR	OR	AZ	AZ	AZ				4	4	4	4
Carrots (Fresh)	CA	CA	CA	TX	TX	TX	WA	WI	WA	MN	WA	WI	WI	MI	MI	9	10	8	13
Cauliflower (Fresh)	CA	CA	CA	OR	NY	OR	NY	OR	NY	AZ	AZ	AZ	TX	TX	1/	4	4	4	6
Honeydews	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ							3	3	3	3
All Oranges	FL	FL	FL	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ				4	4	4	4
Grapefruit	FL	FL	FL	TX	CA	TX	CA	TX	CA	AZ	AZ	AZ				4	4	4	4
Lemons	CA	CA	CA	AZ	AZ	AZ										2	2	2	2
Tangerines	FL	FL	FL	CA	CA	CA	AZ	AZ	AZ							3	3	3	3
All Grapes	CA	CA	CA	NY	WA	WA	WA	NY	NY	PA	PA	MI	MI	MI	PA	6	6	6	10
All Cattle & Calves 2/	TX	TX	TX	IA	NE	NE	NE	IA	IA	KS	KS	KS	MO	OK	MO	35	35	35	50
Cattle on Feed 2/	TX	TX	TX	NE	NE	NE	IA	IA	KS	KS	KS	IA	CO	CO	CO	8	8	9	50
Sheep and Lambs 2/	TX	TX	TX	CA	CA	WY	WY	WY	CA	CO	SD	SD	SD	UT	NM	12	12	12	41
Hogs and Pigs 3/	IA	IA	IA	IL	IL	IL	MN	MN	IN	IN	4/	MN	MO	MO	5/	29	6/ 29	28	50
Chickens 3/ 7/	CA	CA	CA	GA	GA	GA	AK	IN	IN	PA	AK	AK	IN	PA	PA	44	44	44	50

1/ Texas and Michigan, 2/ January 1 following year inventory. 3/ December 1 inventory. 4/ Indiana and Nebraska. 5/ Missouri and Nebraska. 6/ Arizona and California, 7/ Average number of hens and pullets of laying age, excluding commercial broilers.

ARIZONA AGRICULTURAL STATISTICS

CROP SUMMARY: Acreage harvested, production and value, Arizona and United States, 1980-82

Crop	Acres harvested			Production				Value		
	1980	1981	1982	Unit	1980	1981	1982	1980	1981	1982
		1,000 Acres				1,000			1,000 Dollars	
ARIZONA										
Barley	50	43	63	Tons	108	98	159	12,015	13,971	18,853
Corn for Grain	40	35	25	Tons	112	127	95	15,600	13,878	10,800
Corn for Silage	14	18	15	Tons	294	378	315			
Corn for Forage	1	2	0							
Cotton, All	591.1	632.6	506.6	Bales	1,426.3	1,609.7	1,160.9	519,721	442,482	341,210
Cottonseed				Tons	583	631	495	71,126	52,373	41,580
Hay, All	195	190	185	Tons	1,260	1,216	1,241	103,950	89,984	88,1[illegible]
Safflower	3.7	1.5	4.6	Tons	3.7	1.7	5.7	986	518	1,568
Sorghum for Grain	26	26	13	Tons	55	60	31	7,293	6,862	3,243
Sorghum for Silage	6	3	2	Tons	111	66	39			
Sorghum for Forage	2	1	1							
Sugarbeets	9.1	12.6	12.8	Tons	208	300	298	11,086	10,110	1/
Wheat, All	215	258	143	Tons	516	655	372	69,852	100,765	44,231
Broccoli	.8	.7	.9	Cwt.	46	53	62	1,330	1,542	2,120
Cantaloups	6.5	5.2	7.4	Cwt.	907	858	1,167	14,244	14,571	17,622
Carrots	2.1	1.7	2.7	Cwt.	294	223	451	2,708	2,807	5,735
Cauliflower	2.2	2.2	2.4	Cwt.	239	284	372	9,008	9,953	15,451
Honeydews	1.6	2.3	3.8	Cwt.	240	345	456	2,299	4,589	4,834
Lettuce, All	35.0	30.0	35.8	Cwt.	9,081	8,656	9,762	88,563	102,555	138,513
Onions, Dry	1.4	1.1	1.7	Cwt.	623	512	876	5,874	8,704	6,899
Potatoes, Spring	4.4	5.2	4.7	Cwt.	1,276	1,456	1,434	6,699	10,993	9,393
Watermelons	3.4	3.6	5.5	Cwt.	572	679	1,307	3,632	5,418	6,326
Grapefruit	8.4	8.1	8.2	Ctn.	6,000	5,600	4,800	7,770	10,976	6,002
Lemons	20.3	19.2	21.6	Ctn.	6,100	14,000	12,600	24,675	28,790	32,135
Oranges	15.7	13.2	13.5	Ctn.	7,000	5,200	6,100	10,897	10,050	17,952
Tangerines	3.3	3.2	3.4	Ctn.	1,500	1,400	1,500	3,248	4,226	5,058
Grapes	3.1	3.2	3.5	Tons	12.4	12.4	14.0	14,508	15,376	13,832
UNITED STATES										
Barley	7,275	9,158	9,113	Tons	8,663	11,504	12,537	1,022,030	1,168,983	1,088,788
Corn for Grain	73,030	74,700	73,152	Tons	186,056	229,645	235,125	20,571,244	20,405,973	19,397,431
Corn for Silage	9,241	8,171	7,882	Tons	110,973	115,476	112,740			
Corn for Forage	584	362	312							
Cotton, All	13,214.8	13,841.2	9,728.5	Bales	11,122.1	15,645.7	12,009.6	3,986,678	4,075,403	3,343,070
Cottonseed				Tons	4,471	6,397	4,777	574,511	549,041	369,929
Hay, All	59,362	60,192	60,679	Tons	131,027	143,201	152,424	8,103,989	9,218,129	9,649,234
Safflower	1/	1/	1/							
Sorghum for Grain	12,522	13,716	14,247	Tons	16,218	24,618	23,550	1,696,008	2,087,223	1,856,239
Sorghum for Silage	732	772	581	Tons	7,002	9,312	7,167			
Sorghum for Forage	1,410	1,080	927							
Sugarbeets	1,189.5	1,228.1	1,030.8	Tons	23,502	27,538	21,260	1,108,974	803,569	1/
Wheat, All	70,984	81,013	78,841	Tons	71,229	83,962	84,262	9,277,608	10,224,661	9,516,018
Broccoli	77.9	78.5	91.5	Cwt.	6,753	7,522	8,729	144,613	175,132	208,675
Cantaloups	87.9	86.4	2/	Cwt.	12,242	13,346		166,800	188,070	
Carrots	72.5	73.9	78.7	Cwt.	19,539	20,466	23,132	161,905	182,171	196,110
Cauliflower	43.3	46.0	51.1	Cwt.	4,255	5,209	5,436	95,762	125,307	133,276
Honeydews	17.7	19.6	23.6	Cwt.	3,180	3,419	3,624	42,864	52,581	51,063
Lettuce, All	236.5	224.0	218.8	Cwt.	63,297	62,381	61,239	565,148	677,385	722,088
Onions, Dry	113.0	111.6	124.2	Cwt.	33,476	35,021	41,337	346,539	475,395	318,500
Potatoes, Spring	1,254.4	1,237.1	1,273.5	Cwt.	302,857	338,591	349,268	1,978,956	1,818,476	1,589,333
Watermelons	184.5	202.8	2/	Cwt.	22,716	26,076		149,757	158,923	
Grapefruit				Ctn.	146,400	135,720	142,020	302,683	321,517	249,159
Lemons				Ctn.	41,500	62,600	49,600	168,399	151,174	131,380
Oranges				Ctn.	547,260	489,160	355,580	1,327,708	1,295,281	1,227,437
Tangerines				Ctn.	12,600	11,120	9,960	36,577	35,850	40,594
Grapes				Tons	5,595.1	4,457.6	6,434.9	1,341,052	1,322,431	1,311,909

1/ Not available.

2/ Estimates discontinued.

ARIZONA AGRICULTURAL STATISTICS

LIVESTOCK SUMMARY: Inventory and value, Arizona and United States, 1979-83

Specie and class	Inventory 1/					Value 2/				
	1979	1980	1981	1982	1983	1979	1980	1981	1982	1983
			1,000 Head					1,000 Dollars		
ARIZONA										
ALL CATTLE AND CALVES 3/	1,200	1,050	1,075	1,000	1,000	462,000	488,250	494,500	410,000	400,000
Beef Cows	287	258	285	275	278					
Milk Cows	70	72	75	80	82					
Beef Cow Replacement Heifers	60	45	49	49	37					
Milk Cow Replacement Heifers	15	13	17	19	21					
Other Heifers	17	27	32	25	17					
Steers 500 pounds and over	504	420	361	334	306					
Bulls 500 pounds and over	25	24	26	26	29					
Steers, Heifers and Bulls under 500 pounds	222	191	230	192	230					
Cattle on Feed 4/	490	420	401	330	385					
ALL HOGS 5/	144	149	180	170	170	10,296	8,866	11,880	12,665	17,425
Breeding Hogs	18	19	23	21	21					
Market Hogs	126	130	157	149	149					
Under 600 pounds	39	52	52	57	58					
60-119 pounds	34	27	36	33	34					
120-179 pounds	28	26	35	33	29					
180 pounds and over	25	25	34	26	28					
ALL SHEEP AND LAMBS 3/	425	385	372	377	343	24,447	26,373	20,274	25,636	22,124
Stock Sheep	340	325	325	320	293					
Ewes one year or older	270	246	240	235	201					
Rams and Wethers one year or older	10	10	9	8	16					
Ewe Lambs	43	49	56	54	51					
Wether and Ram Lambs	17	20	20	23	25					
Sheep,and Lambs on Feed	85	60	47	57	50					
ALL CHICKENS 5/	650	580	550	530	500	1,008	870	825	1,140	750
Hens and Pullets of Laying Age	582	488	460	480	470					
			1,000 Head					Million Dollars		
UNITED STATES										
ALL CATTLE AND CALVES 3/	110,864	111,192	114,321	115,604	115,201	44,698	55,831	54,292	47,967	46,749
Beef Cows	37,062	37,086	38,726	39,319	38,081					
Milk Cows	10,790	10,779	10,860	11,012	11,066					
Beef Cow Replacement Heifers	5,527	5,939	6,136	6,615	6,343					
Milk Cow Replacement Heifers	3,932	4,158	4,345	4,532	4,532					
Other Heifers	7,445	7,130	7,285	7,181	7,954					
Steers 500 pounds and over	16,442	16,019	15,519	15,501	16,229					
Bulls 500 pounds and over	2,403	2,492	2,547	2,618	2,615					
Steers, Heifers and Bulls under 500 pounds	27,263	27,590	28,904	28,827	28,382					
Cattle on Feed 4/	13,265	12,249	11,598	10,619	12,040					
ALL HOGS 5/	60,356	67,353	64,512	58,688	53,230	5,023	3,775	4,821	4,114	4,784
Breeding Hogs	9,605	9,655	9,148	7,843	7,310					
Market Hogs	50,752	57,699	55,364	50,845	45,920					
Under 60 pounds	21,244	22,845	22,139	19,487	18,355					
60-119 pounds	13,086	15,437	13,932	12,923	11,648					
120-179 pounds	9,443	11,284	11,000	10,437	9,182					
180 pounds and over	6,979	8,133	8,243	7,998	6,735					
ALL SHEEP AND LAMBS 3/	12,365	12,687	12,936	12,966	11,904	891	992	903	738	616
Stock Sheep	10,786	11,065	11,286	11,403	10,263					
Ewes one year or older	8,366	8,524	8,771	8,788	8,165					
Rams and Wethers one year or older	380	366	370	388	368					
Ewe Lambs	1,684	1,807	1,788	1,805	1,392					
Wether and Ram lambs	356	368	357	422	338					
Sheep and Lambs on Feed	1,579	1,622	1,649	1,564	1,641					
ALL CHICKENS 5/	396,933	400,585	392,110	384,838	378,509	696,019	726.365	738,646	727,188	701,273
Hens and Pullets of Laying Age	293,306	294,933	294,223	293,383	291,580					

1/ Numbers may not add due to rounding.

2/ Annual average value published only for the total inventory numbers.

3/ Estimates are based on January of the current year.

4/ Total cattle on feed included in other classes.

5/ Estimates are based on December 1 of the previous year.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS AND GOVERNMENT PAYMENTS: Arizona, 1977-82, preliminary

Commodity Group	1977	1978	1979	1980	1981	1982 1/
			1,000 Dollars			
Cotton Lint	274,813	292,431	392,889	427,767	446,524	
Vegetables	127,575	173,638	175,277	166,590	168,821	
Wheat	22,598	30,029	34,466	64,838	90,751	
Hay	75,333	59,282	71,619	80,847	77,435	
Cottonseed	29,792	37,303	39,852	49,327	39,736	
Citrus	38,110	48,105	64,161	38,214	31,819	
Feed Grains	30,212	22,936	24,905	27,726	28,184	
Sugarbeets	6,498	7,700	6,054	11,086	15,991	
Grapes	10,438	13,428	12,499	14,438	15,302	
Other Miscellaneous Crops	43,351	74,689	64,102	62,047	64,660	
Total, All Crops	658,720	759,541	885,824	942,880	979,223	975,554
Cattle and Calves	373,833	629,086	682,250	600,696	520,672	
Dairy Products	94,186	105,093	118,969	137,634	158,920	
Hogs	16,548	18,520	24,070	22,448	28,743	
Sheep, Lambs and Wool	12,498	10,810	15,205	12,318	10,560	
Poultry and Eggs	5,804	4,731	6,010	4,542	4,883	
Other Livestock and Products	3,122	2,798	3,387	4,105	3,576	
Total, Livestock and Products	505,991	771,038	849,891	781,743	727,354	737,224
Total, All Commodities	1,164,711	1,530,579	1,735,715	1,724,623	1,706,577	1,712,778
Government Payments	4,713	9,172	9,072	5,081	5,860	59,447
Total Cash Receipts	1,169,424	1,539,751	1,744,787	1,729,704	1,712,437	1,772,225

1/ Only crop and livestock totals and government payments available.

Source: Economic Indicators of the Farm Sector, U.S.D.A., Economic Research Service, October.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1977-81, preliminary

County	1977	1978	1979	1980	1981
			1,000 Dollars		
Apache	5,981	11,961	4,816	3,884	3,841
Cochise	32,912	36,199	36,951	38,651	41,175
Coconino	9,330	17,554	10,738	9,131	9,008
Gila	1,119	966	4,052	3,066	3,280
Graham	17,723	17,396	18,064	21,891	21,844
Greenlee	2,506	3,156	2,981	2,813	2,995
Maricopa	273,636	293,466	345,992	381,958	409,514
Mohave	2,410	5,282	7,587	10,232	13,137
Navajo	6,504	6,215	4,286	4,272	4,020
Pima	26,478	20,245	20,849	20,672	20,786
Pinal	113,650	126,112	147,380	175,948	189,881
Santa Cruz	486	792	1,922	1,632	1,882
Yavapai	1,616	1,837	7,697	6,596	6,623
Yuma	164,369	218,360	272,509	262,134	251,237
Arizona	658,720	759,541	885,824	942,880	979,223

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, Arizona, by counties, 1977-81, preliminary

County	1977	1978	1979	1980	1981
			1,000 Dollars		
Apache	8,130	28,336	19,107	20,182	18,206
Cochise	22,440	45,090	28,106	27,107	23,572
Coconino	11,138	24,562	16,462	16,767	14,810
Gila	8,615	16,183	10,278	11,465	10,103
Graham	10,291	23,045	20,565	21,136	20,037
Greenlee	4,394	7,082	5,500	6,300	6,161
Maricopa	209,952	246,711	302,520	292,714	300,763
Mohave	12,617	23,488	13,854	14,373	14,500
Navajo	15,180	28,324	23,472	24,777	26,297
Pima	16,544	35,994	29,656	30,310	26,723
Pinal	124,777	169,211	239,654	184,552	149,185
Santa Cruz	5,500	9,473	5,938	5,690	4,572
Yavapai	17,380	35,155	20,799	22,932	21,438
Yuma	39,033	78,384	113,980	103,438	90,967
Arizona	505,991	771,038	849,891	781,743	727,354

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Total crops and livestock, Arizona, by counties, 1977-81, preliminary

County	1977	1978	1979	1980	1981
			1,000 Dollars		
Apache	14,111	40,297	23,923	24,066	22,047
Cochise	55,352	81,289	65,057	65,758	64,747
Coconino	20,468	42,116	27,200	25,898	23,818
Gila	9,734	17,149	14,330	14,531	13,383
Graham	28,014	40,441	38,629	43,027	41,881
Greenlee	6,900	10,238	8,481	9,113	9,176
Maricopa	483,588	540,177	648,512	674,672	710,277
Mohave	15,027	28,770	21,441	24,605	27,637
Navajo	21,684	34,539	27,758	29,049	30,317
Pima	43,022	56,239	50,505	50,982	47,509
Pinal	238,427	295,323	387,034	360,500	339,066
Santa Cruz	5,986	10,265	7,860	7,322	6,454
Yavapai	18,996	36,992	28,496	29,528	28,061
Yuma	203,402	296,744	386,489	365,572	342,204
Arizona	1,164,711	1,530,579	1,735,715	1,724,623	1,706,577

AGRICULTURAL GROSS INCOME, EXPENSES AND NET INCOME: Arizona, 1977-81

Year	Agricultural cash receipts 1/	Government payments 2/	Non-money income 3/	Other farm income 4/	Gross income 5/	Production expenses 6/	Net income before inventory adjustment 7/	Net inventory adjustment 8/	Net income after inventory adjustment 9/
					Million Dollars				
1977	1,135.9	4.7	53.5	15.3	1,209.4	1,063.6	145.8	67.2	213.0
1978	1,526.5	9.2	58.3	17.0	1,611.0	1,370.6	240.3	81.6	321.9
1979	1,735.7	9.1	75.0	20.8	1,831.5	1,454.5	386.1	6.7	379.4
1980	1,724.6	5.1	96.7	21.0	1,847.4	1,606.0	241.4	101.6	342.9
1981	1,706.6	5.9	100.4	25.6	1,838.5	1,667.5	171.0	56.9	227.9

AGRICULTURAL PRODUCTION EXPENSES: Arizona, 1977-81

Year	Feed	Livestock	Seed 10/	Lime and fertilizer	Operation repairs capital items 11/	Hired labor 12/	Miscellaneous 13/	Total current farm operating expenses	Depreciation 14/	Farm property taxes	Interest, farm mortgage debts	Net rent to nonoperator landlords	Total production expenses
							Million Dollars						
1977	184.4	172.3	13.9	41.9	60.0	128.5	198.5	799.5	107.6	26.6	32.7	30.6	997.1
1978	228.4	340.2	12.1	45.0	84.5	172.7	274.7	1,157.7	111.1	30.2	36.9	34.7	1,370.6
1979	251.2	282.4	13.6	69.2	108.2	163.2	342.8	1,210.5	130.0	27.0	44.1	42.9	1,454.5
1980	287.2	235.8	15.4	73.4	135.4	182.1	380.4	1,309.7	160.3	24.3	52.5	59.2	1,606.0
1981	270.8	165.8	18.2	71.0	153.6	208.8	459.1	1,347.4	168.6	25.6	58.2	67.7	1,667.5

1/ Represents gross receipts from commercial market sales as well as loans (net of redemption) made or guaranteed by the Commodity Credit Corporation and other purchases under price support programs.

2/ Those payments made directly to farm producers in connection with farm programs.

3/ Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.

4/ Includes cash income from such sources as recreation, machine hire, and custom work.

5/ Sum of agricultural cash receipts, government payments, non-money income, and other farm income.

6/ Costs incurred in farm production as defined for the sector. Includes current farm operating expenses for such items as wages paid to hired farm workers (in cash and in kind), outlays for repairs of farm equipment and operation of the farm, as well as purchases of oil, feed, and livestock. Overhead-type costs include charges for depreciation and other capital consumption, taxes on farm property, and interest.

7/ Gross income minus production expenses.

8/ The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.

9/ Net income before inventory change minus net inventory change.

10/ Includes bulbs, plants and trees.

11/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.

12/ Includes cash wages, prequisites, and Social Security taxes paid by employers.

13/ Includes binding, cotton ginning, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery products, grazing fees, harness and saddlery, net insurance premiums (fire, wind and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small handtools, short-term interest, telephones (business share), veterinary services and medicines (including insemination), and other miscellaneous.

14/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, 1981, U.S.D.A., - Economic Research Service, October, 1982.

FIELD CROPS SUMMARY

Weather conditions during the first quarter of 1982 were quite favorable for field crop activities. Intermittent rainfall, especially during the usual February-March rainy season caused only short interruptions in cropping practices. Most activity during this time centered around Arizona's major crops including cotton, wheat and barley. Planting of 80,000 acres of durum wheat, 65,000 acres of winter wheat, and 65,000 acres of barley was completed by the end of February. The small grains made good progress and by the end of the first quarter ranged in maturity from stem elongation to the heading stage. By the end of March, Arizona cotton growers were in full swing planting the 466,000 acres of upland and 41,800 acres of American-Pima cotton for the 1982 season.

The April through June period was, as usual, one of the busiest times of the year for Arizona farmers. Warm weather with limited rainfall provided excellent field conditions. Cotton planting was completed by mid-June. The crop was slightly behind normal but made average crop development. The early plantings began blooming and squaring toward the end of the quarter. During the same time the 1983 wheat and barley crops reached maturity and harvest got underway. Harvest wound down by the end of June and yields reached record high levels. Other crop activities during the second quarter included planting of corn, sorghum and safflower. All three of these crops progressed satisfactorily. Alfalfa hay harvest began actively in April and continued in full swing through the summer months. Sugarbeets were harvested with average yields obtained.

The third quarter was the beginning of what became an extremely wet second half of the year. Rains interrupted field activities several different times and caused the cotton crop progress to continue to lag behind normal. Along with the rains came a substantial increase in humidity. This caused a very noticeable increase in insect activity as well as boll and root rot problems. Spraying of insecticides occurred as needed. Cotton progressed rapidly in maturity from the boll set stage early in the quarter to bolls opening in many areas by the end of September. Some limited defoliation began at that time. Harvest of corn, sorghum and safflower also got underway during the third quarter.

Additional rainfall along with cooler temperatures during the fourth quarter, especially in November and December, caused many difficulties to Arizona's cotton growers. The cool temperatures inhibited defoliation resulting in many unopened bolls. Above average rainfall hampered cotton harvest and growers fell further behind in trying to meet established plowdown dates. The poor conditions caused stringing in the cotton and above average ground loss. Cotton yields at the end of the season reflected on these problems as the Upland and American-Pima yields were the lowest since 1979 at 1,130 and 760 pounds of lint per acre, respectively. Corn and sorghum harvests were also delayed by rain but completed as field conditions allowed. Cutting of alfalfa hay was very limited during this time period due to the wet weather. Several growers had some rain damage to their 1982 hay crop.

UPLAND COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1978	*				1978	33,500	33,000	542	37,250
1979	*				1979	32,100	30,100	435	27,300
1980	*				1980	27,300	26,800	627	35,000
1981	*				1981	35,700	35,200	682	50,000
1982	*				1982	28,600	28,100	530	31,000
COCONINO					GILA				
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
GRAHAM					GREENLEE				
1978	11,000	11,000	720	16,500	1978	1,200	1,200	640	1,600
1979	14,200	14,000	720	21,000	1979	1,300	1,300	480	1,300
1980	11,800	11,700	1,050	25,600	1980	750	750	704	1,100
1981	16,600	16,500	954	32,800	1981	900	900	907	1,700
1982	12,100	12,000	856	21,400	1982	1,100	1,100	698	1,600
MARICOPA					MOHAVE				
1978	226,000	225,000	1,083	507,800	1978	3,900	3,900	622	5,050
1979	242,000	241,000	1,170	587,200	1979	6,000	5,800	737	8,900
1980	228,000	227,800	1,275	605,200	1980	5,950	5,950	904	11,200
1981	239,600	239,400	1,390	693,500	1981	6,500	6,500	849	11,500
1982	181,200	181,000	1,248	470,600	1982	5,500	5,500	969	11,100
NAVAJO					PIMA				
1978	*				1978	17,000	17,000	700	24,800
1979	*				1979	21,400	21,000	798	34,900
1980	*				1980	17,900	17,900	847	31,600
1981	*				1981	19,800	19,800	812	33,500
1982	*				1982	15,700	15,700	911	29,800
PINAL					SANTA CRUZ				
1978	153,500	153,000	854	272,300	1978	*			
1979	159,500	158,800	1,056	349,500	1979	*			
1980	150,200	150,100	1,186	370,900	1980	*			
1981	153,700	153,600	1,372	439,000	1981	*			
1982	134,300	134,200	1,112	311,000	1982	*			

UPLAND COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
YAVAPAI					YUMA				
1978	*				1978	93,900	93,900	1,036	202,700
1979	*				1979	103,500	103,000	1,165	249,900
1980	*				1980	108,100	108,000	1,215	273,400
1981	*				1981	127,200	127,100	1,110	294,000
1982	*				1982	87,500	87,400	1,200	218,500

1/ Production estimates are for 480 pound net weight bales.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

UPLAND COTTON: Acreage, yield, production and value, Arizona, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Price per lb. 2/	Value of production
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1978	540.0	538.0	953	1,068.0	57.4	294,255
1979	580.0	575.0	1,069	1,280.0	68.1	418,406
1980	550.0	549.0	1,184	1,354.0	74.2	482,241
1981	600.0	599.0	1,247	1,556.0	56.0	418,253
1982	466.0	465.0	1,130	1,095.0	58.9	309,578

1/ Production estimates are for 480 pound net weight bales.

2/ Average price for the August through July marketing season.

UPLAND COTTON: Farm marketings, Arizona, 1978-79 to 1981-82

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1978-79	1	5	18	25	18	10	12	3	2	1	2	3
1979-80	0	1	13	23	22	19	5	2	2	2	3	2
1980-81	0	1	13	18	10	14	11	3	5	5	4	5
1981-82	2	1	9	17	18	20	12	8	9	1	2	1

UPLAND COTTON: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average
							Cents Per Pound						
1978-79	55.9	56.7	61.0	59.8	59.0	59.2	57.0	47.4	51.5	59.0	60.7	60.2	57.4
1979-80	53.8	64.5	63.9	64.2	68.7	68.8	73.1	70.2	63.6	75.0	77.0	79.0	68.1
1980-81	81.0	91.9	73.2	74.9	80.4	79.0	78.5	76.2	69.2	71.8	70.8	70.2	74.2
1981-82	62.9	59.4	63.9	64.3	54.6	53.2	49.9	53.6	56.1	60.3	59.9	63.8	56.0
1982-83 1/	56.6	54.2	60.1	61.4	59.4								58.9

1/ Preliminary.

AMERICAN PIMA COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres	Acres	Lbs.	Bales		Acres	Acres	Lbs.	Bales
APACHE					COCHISE				
1978	*				1978	3,200	3,200	563	3,750
1979	*				1979	4,200	4,150	397	3,430
1980	*				1980	5,150	5,050	542	5,700
1981	*				1981	1,000	900	480	900
1982	*				1982	750	700	309	450
COCONINO					GILA				
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
GRAHAM					GREENLEE				
1978	8,600	8,500	707	12,500	1978	*			
1979	9,950	9,900	542	11,170	1979	*			
1980	7,300	7,250	761	11,500	1980	*			
1981	6,550	6,550	685	9,350	1981	*			
1982	11,400	11,400	665	15,800	1982	*			
MARICOPA					MOHAVE				
1978	5,400	5,400	861	9,700	1978	*			
1979	9,650	9,600	995	19,890	1979	*			
1980	11,500	11,500	902	21,600	1980	*			
1981	11,650	11,600	852	20,600	1981	*			
1982	10,100	10,050	860	18,000	1982	*			
NAVAJO					PIMA				
1978	*				1978	2,500	2,500	595	3,100
1979	*				1979	3,150	3,150	568	3,730
1980	*				1980	2,350	2,350	715	3,500
1981	*				1981	2,150	2,150	424	1,900
1982	*				1982	2,800	2,700	578	3,250
PINAL					SANTA CRUZ				
1978	7,300	7,300	776	11,800	1978	*			
1979	9,650	9,600	800	15,990	1979	*			
1980	9,350	9,300	929	18,000	1980	*			
1981	6,150	6,150	874	11,200	1981	*			
1982	9,300	9,300	852	16,500	1982	*			

AMERICAN PIMA COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
YAVAPAI					YUMA				
1978	*				1978	7,300	7,300	845	12,850
1979	*				1979	6,900	6,900	890	12,790
1980	*				1980	6,650	6,650	866	12,000
1981	*				1981	6,300	6,250	749	9,750
1982	*				1982	7,450	7,450	767	11,900

1/ Production estimates are for 480 pound net weight bales.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

AMERICAN PIMA COTTON: Acreage, yield, production and value, Arizona, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Lint		
				Production	Price per lb. 2/	Value of production
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1978	34.3	34.2	754	53.7	91.0	23,456
1979	43.5	43.3	743	67.0	101.0	32,482
1980	42.3	42.1	824	72.3	108.0	37,480
1981	33.8	33.6	767	53.7	94.0	24,229
1982	41.8	41.6	760	65.9	100.0	31,632

1/ Production estimates are for 480 pound net weight bales.

2/ Average price for the August through July marketing season.

AMERICAN PIMA COTTON: Farm marketings, Arizona, 1978-79 to 1981-82

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
						Percent						
1978-79	0	0	0	3	17	31	21	24	1	0	3	0
1979-80	0	0	0	2	50	42	4	2	0	0	0	0
1980-81	0	0	1	13	20	42	19	3	1	1	0	0
1981-82	0	2	0	3	24	22	40	4	1	4	0	0

AMERICAN PIMA COTTON: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season average
						Cents Per Pound							
1978-79	--	--	--	99.8	98.7	94.4	88.1	83.4	86.4	--	94.0	--	91.0
1979-80	--	--	--	99.8	98.3	103.0	102.6	98.5	102.0	--	--	--	101.0
1980-81	--	--	115.0	110.1	112.7	108.8	102.1	102.6	82.6	106.9	--	--	108.0
1981-82	--	107.5	102.9	103.8	102.6	96.2	87.1	72.8	82.5	114.7	--	--	94.0
1982-83 1/	--	--	103.8	103.5	103.2								100.0

1/ Preliminary.

ALL COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1978	*				1978	36,700	36,200	544	41,000
1979	*				1979	36,300	34,250	431	30,730
1980	*				1980	32,450	31,850	613	40,700
1981	*				1981	36,700	36,100	677	50,900
1982	*				1982	29,350	28,800	524	31,450
COCONINO					GILA				
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
GRAHAM					GREENLEE				
1978	19,600	19,500	714	29,000	1978	1,200	1,200	640	1,600
1979	24,150	23,900	646	32,170	1979	1,300	1,300	480	1,300
1980	19,100	18,950	940	37,100	1980	750	750	704	1,100
1981	23,150	23,050	878	42,150	1981	900	900	907	1,700
1982	23,500	23,400	763	37,200	1982	1,100	1,100	698	1,600
MARICOPA					MOHAVE				
1978	231,400	230,400	1,078	517,500	1978	3,900	3,900	622	5,050
1979	251,650	250,600	1,163	607,090	1979	6,000	5,800	737	8,900
1980	239,500	239,300	1,257	626,800	1980	5,950	5,950	904	11,200
1981	251,250	251,000	1,366	714,100	1981	6,500	6,500	849	11,500
1982	191,300	191,050	1,228	488,600	1982	5,500	5,500	969	11,100
NAVAJO					PIMA				
1978	*				1978	19,500	19,500	687	27,900
1979	*				1979	24,550	24,150	768	38,630
1980	*				1980	20,250	20,250	832	35,100
1981	*				1981	21,950	21,950	774	35,400
1982	*				1982	18,500	18,400	862	33,050
PINAL					SANTA CRUZ				
1978	160,800	160,300	851	284,100	1978	*			
1979	169,150	168,400	1,042	365,490	1979	*			
1980	159,550	159,400	1,171	388,900	1980	*			
1981	159,850	159,750	1,353	450,200	1981	*			
1982	143,600	143,500	1,095	327,500	1982	*			

ALL COTTON: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
YAVAPAI					YUMA				
1978	*				1978	101,200	101,200	1,022	215,550
1979	*				1979	110,400	109,900	1,147	262,690
1980	*				1980	114,750	114,650	1,195	285,400
1981	*				1981	133,500	133,350	1,093	303,750
1982	*				1982	94,950	94,850	1,166	230,400

1/ Production estimates are for 480 pound net weight bales.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing indvidual operations.

ALL COTTON AND COTTONSEED: Acreage, yield, production and value, Arizona, 1978-82 1/

Year	Lint					Cottonseed		
	Planted	Harvested	Yield per harvested acre	Production	Value of production	Production	Season average price 2/	Value of production
	1,000 Acres		Lbs.	1,000 Bales	1,000 Dol.	1,000 Tons	Dol./Ton	1,000 Dol.
1978	574.3	572.2	941	1,121.7	317,711	450	102.00	45,900
1979	623.5	618.3	1,046	1,347.0	450,888	530	110.00	58,300
1980	592.3	591.1	1,158	1,426.3	519,721	583	122.00	71,126
1981	633.8	632.6	1,221	1,609.7	442,482	631	83.00	52,373
1982	507.8	506.6	1,100	1,160.9	341,210	495	84.00	41,580

1/ Production estimates are for 480 pound net weight bales.

2/ Average price for the August through July marketing season.

ALL COTTON: Farm marketings, Arizona, 1978-79 to 1981-82

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
							Percent					
1978-79	0	1	5	18	25	18	10	12	3	2	1	2
1979-80	0	1	13	23	22	19	5	2	2	2	3	2
1980-81	0	1	13	18	10	14	11	3	5	5	4	5
1981-82	2	1	9	17	19	20	12	8	9	2	2	1

ALFALFA HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1978	1,600	3.1	5,000	1978	9,000	6.4	58,000
1979	1,500	3.0	4,500	1979	8,000	6.4	51,000
1980	1,600	2.7	4,300	1980	10,000	6.0	60,000
1981	1,900	3.2	6,100	1981	10,500	6.4	67,600
1982	1,900	3.2	6,100	1982	8,400	6.6	55,100
COCONINO				GILA			
1978	400	5.0	2,000	1978	500	2.0	1,000
1979	300	5.0	1,500	1979	400	3.0	1,200
1980	500	4.6	2,300	1980	400	3.0	1,200
1981	500	4.8	2,400	1981	100	4.0	400
1982	400	4.8	1,900	1982	100	4.0	400
GRAHAM				GREENLEE			
1978	6,500	6.5	42,000	1978	1,500	6.0	9,000
1979	6,600	5.8	38,500	1979	1,000	5.0	5,000
1980	7,500	6.3	47,000	1980	1,000	5.5	5,500
1981	6,000	6.1	36,800	1981	900	5.9	5,300
1982	5,000	5.6	27,800	1982	500	6.0	3,000
MARICOPA				MOHAVE			
1978	60,000	6.3	378,000	1978	3,500	6.6	23,000
1979	57,000	6.4	365,000	1979	3,000	7.0	21,000
1980	55,000	7.4	406,000	1980	3,200	6.8	21,800
1981	51,000	7.5	382,500	1981	4,000	6.4	25,400
1982	51,400	7.8	399,800	1982	6,400	7.0	44,800
NAVAJO				PIMA			
1978	5,000	3.0	15,000	1978	2,000	5.5	11,000
1979	4,900	3.0	14,700	1979	1,900	6.0	11,400
1980	5,000	3.5	17,500	1980	2,000	5.5	11,000
1981	4,800	3.2	15,500	1981	1,400	5.9	8,200
1982	4,800	3.0	14,400	1982	1,300	6.0	7,800
PINAL				SANTA CRUZ			
1978	15,000	5.3	80,000	1978	1,000	5.0	5,000
1979	14,000	6.2	87,000	1979	1,200	6.0	7,200
1980	15,000	6.4	95,500	1980	1,300	4.9	6,400
1981	13,500	6.4	86,600	1981	1,500	4.9	7,300
1982	14,800	6.8	101,000	1982	1,300	5.8	7,500

ALFALFA HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
YAVAPAI				YUMA			
1978	2,000	4.0	8,000	1978	62,000	7.0	434,000
1979	2,200	5.0	11,000	1979	58,000	7.0	405,000
1980	2,500	4.2	1[illegible]500	1980	60,000	7.8	466,000
1981	2,900	4.2	12,200	1981	61,000	7.6	463,700
1982	3,200	4.5	14,400	1982	60,500	8.0	484,000

1/ Does not include green chop or grazed.

ALFALFA HAY: Acreage, yield and production, Arizona, 1978-82 1/

Year	Harvested	Yield per acre	Production
	1,000 Acres	Tons	1,000 Tons
1978	170	6.3	1,071
1979	160	6.4	1,024
1980	165	7.0	1,155
1981	160	7.0	1,120
1982	160	7.3	1,168

1/ Does not include green chop or grazed.

ALFALFA HAY: Monthly prices received by growers, Arizona, 1978-79 to 1982-83 1/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Dollars Per Ton						
1978-79	67.00	61.00	60.50	61.50	59.00	59.00	55.00	58.00	57.50	61.00	66.00	68.00
1979-80	75.00	80.00	81.00	80.00	76.00	82.50	80.00	89.00	90.00	107.00	107.00	95.00
1980-81	90.00	84.00	77.00	66.50	72.50	77.50	84.50	89.50	94.00	96.00	98.00	94.00
1981-82	88.00	79.00	71.00	71.00	62.00	63.00	69.00	75.00	75.00	79.00	78.00	76.00
1982-83 2/	82.00	85.00	70.00	64.00	62.00	66.00	74.00	76.00	81.00			

1/ Does not include green chop or grazed.

2/ Preliminary.

OTHER HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1978	3,500	1.8	6,200	1978	1,500	1.6	2,400
1979	3,200	1.5	4,800	1979	1,400	1.8	2,500
1980	3,000	2.3	6,800	1980	800	5.4	4,300
1981	2,000	2.3	4,600	1981	1,000	3.6	3,600
1982	1,800	2.3	4,100	1982	200	4.5	900
COCONINO				GILA			
1978	500	1.8	900	1978	500	1.6	800
1979	600	2.2	1,300	1979	400	1.5	600
1980	800	2.9	2,300	1980	300	1.7	500
1981	600	2.7	1,600	1981	500	2.2	1,100
1982	500	2.6	1,300	1982	400	2.0	800
GRAHAM				GREENLEE			
1978	1,000	1.8	1,800	1978	600	1.8	1,100
1979	900	1.8	1,600	1979	500	2.0	1,000
1980	1,000	3.3	3,300	1980	*		
1981	900	3.7	3,300	1981	200	2.0	400
1982	900	4.0	3,600	1982	100	2.0	200
MARICOPA				MOHAVE			
1978	9,000	2.4	21,300	1978	300	1.7	500
1979	9,200	2.7	24,600	1979	500	2.0	1,000
1980	9,000	4.4	40,000	1980	500	2.4	1,200
1981	7,500	3.7	27,400	1981	500	2.2	1,100
1982	7,300	3.0	22,100	1982	1,000	2.0	2,000
NAVAJO				PIMA			
1978	1,200	1.5	1,800	1978	400	2.5	1,000
1979	1,500	1.5	2,300	1979	500	2.4	1,200
1980	1,500	2.3	3,400	1980	500	4.0	2,000
1981	1,600	2.0	3,200	1981	500	3.2	1,600
1982	1,500	2.1	3,100	1982	400	3.5	1,400
PINAL				SANTA CRUZ			
1978	2,000	2.0	4,000	1978	500	1.6	800
1979	2,500	2.3	5,700	1979	400	2.0	800
1980	3,000	3.7	11,000	1980	600	2.3	1,400
1981	2,500	3.4	8,400	1981	1,000	2.1	2,100
1982	2,200	2.9	6,400	1982	1,300	2.0	2,600

OTHER HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
YAVAPAI				YUMA			
1978	2,500	1.8	4,400	1978	6,500	2.9	19,000
1979	2,300	2.0	4,600	1979	6,100	2.8	17,000
1980	2,000	2.9	5,800	1980	7,000	3.3	23,000
1981	2,200	2.1	4,600	1981	9,000	3.7	33,000
1982	400	2.0	800	1982	7,000	3.4	23,700

1/ Does not include green chop or grazed.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER HAY: Acreage, yield and production, Arizona, 1978-82 1/

Year	Harvested	Yield per acre	Production
	1,000 Acres	Tons	1,000 Tons
1978	30	2.2	66
1979	30	2.3	69
1980	30	3.5	105
1981	30	3.2	96
1982	25	2.9	73

1/ Does not include green chop or grazed.

OTHER HAY: Monthly prices received by growers, Arizona, 1978-79 to 1982-83 1/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
	Dollars Per Ton											
1978-79	57.00	54.00	53.50	54.50	52.00	52.00	48.00	51.00	50.50	54.00	59.00	61.00
1979-80	62.00	65.00	68.00	66.00	64.00	67.00	68.00	76.00	85.00	89.00	89.00	75.00
1980-81	64.00	66.00	55.00	52.50	58.00	62.50	65.50	57.50	47.00	78.00	80.00	56.00
1981-82	--	61.00	60.00	59.00	61.00	58.00	60.00	56.00	66.00	60.00	55.00	40.00
1982-83 2/	61.00	68.00	--	51.00	52.00	53.00	55.00	48.00	49.00			

1/ Does not include green chop or grazed.

2/ Preliminary.

ALL HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1978	5,100	2.2	11,200	1978	10,500	5.8	60,400
1979	4,700	2.0	9,300	1979	9,400	5.7	53,500
1980	4,600	2.4	11,100	1980	10,800	6.0	64,300
1981	3,900	2.7	10,700	1981	11,500	6.2	71,200
1982	3,700	2.8	10,200	1982	8,600	6.5	56,000
COCONINO				GILA			
1978	900	3.2	2,900	1978	1,000	1.8	1,800
1979	900	3.1	2,800	1979	800	2.3	1,800
1980	1,300	3.5	4,600	1980	700	2.4	1,700
1981	1,100	3.6	4,000	1981	600	2.5	1,500
1982	900	3.6	3,200	1982	500	2.4	1,200
GRAHAM				GREENLEE			
1978	7,500	5.8	43,800	1978	2,100	4.8	10,100
1979	7,500	5.3	40,100	1979	1,500	4.0	6,000
1980	8,500	5.9	50,300	1980	1,000	5.5	5,500
1981	6,900	5.8	40,100	1981	1,100	5.2	5,700
1982	5,900	5.3	31,400	1982	600	5.3	3,200
MARICOPA				MOHAVE			
1978	69,000	5.8	399,300	1978	3,800	6.2	23,500
1979	66,200	5.9	389,600	1979	3,500	6.3	22,000
1980	64,000	7.0	446,000	1980	3,700	6.2	23,000
1981	58,500	7.0	409,900	1981	4,500	5.9	26,500
1982	58,700	7.2	421,900	1982	7,400	6.3	46,800
NAVAJO				PIMA			
1978	6,200	2.7	16,800	1978	2,400	5.0	12,000
1979	6,400	2.7	17,000	1979	2,400	5.3	12,600
1980	6,500	3.2	20,900	1980	2,500	5.2	13,000
1981	6,400	2.9	18,700	1981	1,900	5.2	9,800
1982	6,300	2.8	17,500	1982	1,700	5.4	9,200
PINAL				SANTA CRUZ			
1978	17,000	4.9	84,000	1978	1,500	3.9	5,800
1979	16,500	5.6	92,700	1979	1,600	5.0	8,000
1980	18,000	5.9	106,500	1980	1,900	4.1	7,800
1981	16,000	5.9	95,000	1981	2,500	3.8	9,400
1982	17,000	6.3	107,400	1982	2,600	3.9	10,100

ALL HAY: Acreage, yield and production, Arizona, by counties, 1978-82 1/ (Cont'd)

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
YAVAPAI				YUMA			
1978	4,500	2.8	12,400	1978	68,500	6.6	453,000
1979	4,500	3.5	15,600	1979	64,100	6.6	422,000
1980	4,500	3.6	16,300	1980	67,000	7.3	489,000
1981	5,100	3.3	16,800	1981	70,000	7.1	496,700
1982	3,600	4.2	15,200	1982	67,500	7.5	507,700

1/ Does not include green chop or grazed.

ALL HAY: Acreage, yield, production, price and value, Arizona, 1978-82 1/

Year	Harvested	Yield per acre	Production	Season average price 2/	Value of production
	1,000 Acres	Tons	1,000 Tons	Dol./Ton	1,000 Dol.
1978	200	5.7	1,137	60.50	68,789
1979	190	5.8	1,093	81.00	88,533
1980	195	6.5	1,260	82.50	103,950
1981	190	6.4	1,216	74.00	89,984
1982	185	6.7	1,241	71.00	88,111

1/ Does not include green chop or grazed.

2/ Average price for the April through March marketing season.

ALL HAY: Farm marketings, Arizona, 1978-79 to 1981-82

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
						Percent						
1978-79	10	14	14	13	12	8	8	8	3	3	3	4
1979-80	10	12	13	14	12	8	9	7	5	4	3	3
1980-81	5	8	9	12	12	10	11	8	6	5	7	7
1981-82	11	15	6	10	10	7	10	6	8	5	6	6

ALL HAY: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83 1/

Year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Season average
							Dollars Per Ton						
1978-79	66.50	60.50	60.00	61.00	58.50	58.50	54.50	57.50	57.00	60.50	65.50	67.50	60.50
1979-80	74.00	79.00	80.00	79.00	75.50	81.50	79.50	88.00	90.00	106.00	106.00	93.00	81.00
1980-81	88.00	83.00	76.50	66.00	72.00	77.50	84.50	88.50	92.00	95.00	98.00	93.00	82.50
1981-82	88.00	79.00	71.00	70.00	62.00	63.00	69.00	74.00	75.00	79.00	78.00	76.00	74.00
1982-83 2/	80.00	85.00	70.00	64.00	62.00	66.00	73.00	74.00	77.00				71.00

1/ Does not include green chop or grazed.

2/ Preliminary.

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	*				1978	2,000	2,000	3,960	3,960
1979	*				1979	2,000	2,000	4,200	4,200
1980	*				1980	1,500	1,400	4,500	3,150
1981	*				1981	1,000	1,000	5,520	2,760
1982	*				1982	*			
COCONINO					GILA				
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	300	300	3,960	590
1982	*				1982	*			
GRAHAM					GREENLEE				
1978	1,000	1,000	3,840	1,920	1978	500	500	3,540	880
1979	1,000	1,000	3,960	1,980	1979	*			
1980	1,500	1,400	4,320	3,020	1980	*			
1981	1,500	1,400	5,230	3,660	1981	200	200	5,160	520
1982	500	400	6,470	1,290	1982	200	200	6,000	600
MARICOPA					MOHAVE				
1978	34,000	32,000	4,260	68,160	1978	*			
1979	24,000	22,700	4,440	50,390	1979	1,000	1,000	3,000	1,500
1980	91,000	88,000	4,880	214,980	1980	1,000	1,000	3,600	1,800
1981	120,000	119,600	5,370	321,000	1981	5,000	5,000	4,800	12,000
1982	29,600	29,300	5,690	83,390	1982	3,500	3,500	5,180	9,070
NAVAJO					PIMA				
1978	*				1978	2,500	2,500	4,500	5,630
1979	*				1979	2,000	1,800	4,320	3,890
1980	*				1980	3,000	2,900	4,260	6,180
1981	*				1981	4,000	4,000	4,860	9,720
1982	*				1982	3,700	3,700	5,040	9,320
PINAL					SANTA CRUZ				
1978	40,000	39,000	4,140	80,730	1978	*			
1979	31,000	28,500	4,320	61,610	1979	*			
1980	50,000	48,500	4,600	111,570	1980	*			
1981	71,000	70,700	4,670	165,000	1981	*			
1982	36,300	35,800	5,040	90,180	1982	*			

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN Harvested	Yield per acre	Production	Year	Planted for all purposes	FOR GRAIN Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	*				1978	15,000	14,000	4,260	29,820
1979	*				1979	14,000	13,000	5,220	33,930
1980	*				1980	12,000	11,800	5,300	31,300
1981	*				1981	13,000	12,800	5,150	33,000
1982	*				1982	6,000	5,900	5,620	16,580

1/ Converted from 60 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DURUM WHEAT: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	95	91	4,200	191,100	94.70	18,091
1979	75	70	4,500	157,500	128.00	20,160
1980	160	155	4,800	372,000	139.00	51,708
1981	216	215	5,100	548,250	158.70	86,989
1982	80	79	5,340	210,930	116.70	24,609

1/ Average price for the May through April marketing season.

2/ Converted from 60 pound bushels and rounded.

DURUM WHEAT: Farm marketings, Arizona, 1978-79 to 1981-82

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
						Percent						
1978-79	35	10	31	6	8	1	2	1	1	1	3	1
1979-80	3	62	10	7	6	6	1	1	1	1	1	1
1980-81	14	60	8	7	4	1	1	1	1	1	1	1
1981-82	20	65	5	1	1	1	1	1	1	2	1	1

DURUM WHEAT: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
						Dollars Per Ton							
1978-79	85.00	96.00	100.00	101.70	104.00	--	108.00	104.00	104.00	--	99.30	111.00	94.70
1979-80	109.00	127.00	136.00	146.00	130.00	143.70	--	--	--	131.30	--	137.00	128.00
1980-81	133.00	139.70	131.00	137.00	164.30	--	--	--	180.00	180.00	170.00	148.00	139.00
1981-82	167.00	159.70	155.00	139.00	136.70	123.00	120.00	120.70	127.70	129.70	135.30	115.30	158.70
1982-83 1/	116.30	118.00	108.70	117.30	--	133.00	118.00	131.30					116.70

1/ Preliminary.

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	*				1978	1,900	1,800	3,720	3,350
1979	200	*			1979	2,500	2,000	3,780	3,780
1980	300	*			1980	2,000	1,800	4,710	4,240
1981	200	*			1981	1,800	1,800	4,920	4,430
1982	200	200	2,130	210	1982	1,500	1,500	4,650	3,490
COCONINO					GILA				
1978	*				1978	*			
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	*			
1982	500	400	3,000	600	1982	*			
GRAHAM					GREENLEE				
1978	1,100	1,000	3,900	1,950	1978	500	500	3,660	920
1979	1,500	1,400	3,960	2,770	1979	500	300	3,000	450
1980	5,000	4,600	4,500	10,350	1980	1,000	1,000	4,320	2,160
1981	3,000	2,800	5,400	7,560	1981	800	800	4,860	1,940
1982	3,800	3,700	5,600	10,360	1982	700	700	4,760	1,670
MARICOPA					MOHAVE				
1978	9,000	8,900	4,260	18,960	1978	2,000	2,000	2,820	2,820
1979	11,000	10,800	4,440	23,980	1979	4,000	3,500	3,600	6,300
1980	10,000	9,000	4,860	21,870	1980	4,000	3,700	3,900	7,210
1981	6,000	5,700	5,700	16,250	1981	500	500	4,200	1,050
1982	25,100	24,600	5,380	66,140	1982	*			
NAVAJO					PIMA				
1978	600	500	3,000	750	1978	900	900	3,180	1,430
1979	700	500	3,000	750	1979	1,000	800	4,200	1,680
1980	1,000	800	3,120	1,250	1980	500	300	4,320	650
1981	900	700	2,280	800	1981	700	600	4,560	1,370
1982	1,000	1,000	2,130	1,070	1982	900	800	4,260	1,700
PINAL					SANTA CRUZ				
1978	9,000	7,700	4,320	16,630	1978	*			
1979	12,000	11,700	4,640	27,130	1979	1,000	*		
1980	16,000	15,000	4,560	34,200	1980	500	400	3,900	780
1981	10,000	9,500	5,100	24,220	1981	300	300	4,080	610
1982	4,500	4,500	4,540	10,220	1982	*			

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	600	600	2,280	680	1978	24,000	23,000	4,440	51,060
1979	1,000	700	3,000	1,050	1979	23,800	23,300	5,220	60,810
1980	1,000	900	2,400	1,080	1980	22,000	21,000	5,470	57,420
1981	800	600	2,400	720	1981	19,000	18,900	4,930	46,560
1982	1,100	1,000	2,350	1,180	1982	25,500	25,400	5,060	64,330

1/ Converted from 60 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER WHEAT: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	50	47	4,200	98,700	104.00	10,265
1979	60	55	4,680	128,700	115.00	14,801
1980	65	60	4,800	144,000	126.00	18,144
1981	45	43	4,980	107,070	128.70	13,776
1982	65	64	5,040	161,280	121.70	19,622

1/ Average price for the May through April marketing season.

2/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Farm marketings, Arizona, 1978-79 to 1981-82

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
						Percent						
1978-79	13	45	16	5	2	0	0	0	3	0	1	15
1979-80	38	45	9	2	2	1	0	0	2	0	0	1
1980-81	14	26	20	5	20	3	1	0	1	2	3	5
1981-82	35	25	16	4	1	0	1	2	1	2	2	11

OTHER WHEAT: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
							Dollars Per Ton						
1978-79	96.30	100.30	105.30	104.00	104.00	--	108.00	--	107.00	--	107.00	120.70	104.00
1979-80	113.00	116.00	131.30	125.70	130.00	135.70	--	120.00	133.00	121.00	113.70	112.00	115.00
1980-81	120.30	120.70	111.30	131.30	140.00	142.00	146.30	134.30	143.70	148.30	143.00	140.30	126.00
1981-82	131.00	122.70	127.00	133.30	138.30	132.00	140.70	140.70	139.30	142.70	104.30	127.30	128.70
1982-83 1/	116.30	118.70	114.30	122.00	136.70	119.70	132.70	130.30					121.70

1/ Preliminary.

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	*				1978	3,900	3,800	3,850	7,310
1979	200	*			1979	4,500	4,000	3,990	7,980
1980	300	*			1980	3,500	3,200	4,620	7,390
1981	200	*			1981	2,800	2,800	5,140	7,190
1982	200	200	2,130	210	1982	1,500	1,500	4,650	3,490
COCONINO					GILA				
1978	*				1978	*			
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	300	300	3,960	590
1982	500	400	3,000	600	1982	*			
GRAHAM					GREENLEE				
1978	2,100	2,000	3,870	3,870	1978	1,000	1,000	3,600	1,800
1979	2,500	2,400	3,960	4,750	1979	500	300	3,000	450
1980	6,500	6,000	4,460	13,370	1980	1,000	1,000	4,320	2,160
1981	4,500	4,200	5,340	11,220	1981	1,000	1,000	4,920	2,460
1982	4,300	4,100	5,690	11,650	1982	900	900	5,040	2,270
MARICOPA					MOHAVE				
1978	43,000	40,900	4,260	87,120	1978	2,000	2,000	2,820	2,820
1979	35,000	33,500	4,440	74,370	1979	5,000	4,500	3,470	7,800
1980	101,000	97,000	4,880	236,850	1980	5,000	4,700	3,830	9,010
1981	126,000	125,300	5,380	337,250	1981	5,500	5,500	4,750	13,050
1982	54,700	53,900	5,550	149,530	1982	3,500	3,500	5,180	9,070
NAVAJO					PIMA				
1978	600	500	3,000	750	1978	3,400	3,400	4,150	7,060
1979	700	500	3,000	750	1979	3,000	2,600	4,280	5,570
1980	1,000	800	3,120	1,250	1980	3,500	3,200	4,270	6,830
1981	900	700	2,280	800	1981	4,700	4,600	4,820	11,090
1982	1,000	1,000	2,130	1,070	1982	4,600	4,500	4,900	11,020
PINAL					SANTA CRUZ				
1978	49,000	46,700	4,170	97,360	1978	*			
1979	43,000	40,200	4,420	88,740	1979	1,000	*		
1980	66,000	63,500	4,590	145,770	1980	500	400	3,900	780
1981	81,000	80,200	4,720	189,220	1981	300	300	4,080	610
1982	40,800	40,300	4,980	100,400	1982	*			

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	600	600	2,280	680	1978	39,000	37,000	4,370	80,880
1979	1,000	700	3,000	1,050	1979	37,800	36,300	5,220	94,740
1980	1,000	900	2,400	1,080	1980	34,000	32,800	5,410	88,720
1981	800	600	2,400	720	1981	32,000	31,700	5,020	79,560
1982	1,100	1,000	2,350	1,180	1982	31,500	31,300	5,170	80,910

1/ Converted from 60 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL WHEAT: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	145	138	4,200	289,800	98.00	28,356
1979	135	125	4,580	286,200	122.00	34,961
1980	225	215	4,800	516,000	135.30	69,852
1981	261	258	5,080	655,320	153.70	100,765
1982	145	143	5,210	372,210	119.00	44,231

1/ Average price for the May through April marketing season.

2/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Farm marketings, Arizona, 1978-79 to 1981-82

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
							Percent					
1978-79	28	21	26	5	6	1	2	1	2	1	2	5
1979-80	24	50	9	4	4	3	1	1	1	1	1	1
1980-81	14	53	11	7	8	1	1	1	1	1	1	1
1981-82	20	60	8	1	1	1	1	1	1	2	1	3

ALL WHEAT: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
							Dollars Per Ton						
1978-79	87.00	99.30	101.00	102.30	104.00	--	108.00	104.00	106.00	--	100.30	120.00	98.00
1979-80	112.70	121.00	133.00	140.00	130.00	143.30	--	120.00	133.00	121.70	113.70	122.00	122.00
1980-81	129.70	137.70	122.70	131.30	140.70	142.00	146.30	134.30	151.30	165.30	145.00	141.30	135.30
1981-82	160.00	157.70	148.00	135.00	138.00	123.00	122.70	133.70	128.30	131.30	108.00	122.70	153.70
1982-83 1/	116.30	118.00	109.00	119.70	136.70	131.00	130.70	130.70					119.00

1/ Preliminary.

DURUM WHEAT: Seedings by variety, Arizona, 1979-83

Variety	1979	1980	1981	1982	1983
			Percent		
Aldura	1.8	17.3	17.3	26.0	33.8
Cocorit	5.6				
Crane	1.8				
Jori 69	1.8	6.2	6.2		
Mexicali 75	2.3	37.1	37.1	10.5	1.7
Produra	84.0	27.6	27.5	16.2	2.7
Westbred 881		.2			7.6
1000 D	2.1	4.2	4.2	2.7	.9
Other	.6	7.4	7.7	44.6	53.3

OTHER WHEAT: Seedings by variety, Arizona, 1979-83

Variety	1979	1980	1981	1982	1983
			Percent		
Aim	1.4				
Anza		9.6			
Bounty 309	.9				
Cajeme 71	33.8	33.9	33.9	8.6	5.8
Gaines	.2				
Inia 66	12.8	2.1	2.1	8.6	
Nugaines		1.6	1.6	2.3	1.7
Probred	9.5	13.7	13.7	3.8	.6
Redhart	.2				
Scout					.4
Siete Cerros	14.6				
Stephens					.6
Super X	.8	4.6	4.6	1.0	3.2
Turkey	.9	4.4			
Westbred 906					1.4
Yecora Rojo	19.9	26.3	26.3	49.3	47.5
Zaragoza	2.4				
Other	2.6	3.8	17.8	26.4	38.8

SUGARBEETS: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Year	Planted	Harvested	Yield per harvested acre	Production
	Acres		Tons	Tons		Acres		Tons	Tons
COCHISE					GRAHAM				
1978	3,750	3,200	18.0	57,600	1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
MARICOPA					PIMA				
1978	8,400	8,300	21.5	178,400	1978	*			
1979	6,000	5,900	19.7	116,000	1979	*			
1980	3,200	3,200	23.8	76,200	1980	*			
1981	4,350	4,250	22.6	96,200	1981	400	400	16.3	6,500
1982	3,900	3,900	23.4	91,100	1982	300	300	19.7	5,900
PINAL					YUMA				
1978	3,400	3,350	20.1	67,300	1978	*			
1979	5,200	4,950	17.8	88,000	1979	500	450	28.9	13,000
1980	5,900	5,600	22.0	123,320	1980	200	200	32.0	6,400
1981	5,850	5,700	24.5	139,900	1981	2,400	2,250	25.5	57,400
1982	6,000	5,900	23.0	135,600	1982	2,900	2,700	24.2	65,400

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* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SUGARBEETS: Acreage, yield, production, price and value, Arizona 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Tons	Tons	Dol./Ton	1,000 Dol.
1978	15,700	15,000	20.5	308,000	25.00	7,700
1979	11,700	11,300	19.2	217,000	27.90	6,054
1980	9,400	9,100	22.9	208,000	53.30	11,086
1981	13,000	12,600	23.8	300,000	33.70	10,110
1982	13,100	12,800	23.3	298,000	2/	2/

1/ Average price for marketing season.
2/ Not available.

BARLEY: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	*				1978	1,000	1,000	3,020	1,510
1979	*				1979	1,500	1,000	3,120	1,560
1980	*				1980	1,200	900	3,840	1,730
1981	*				1981	1,000	800	4,080	1,630
1982	*				1982	400	300	4,260	640
COCONINO					GILA				
1978	*				1978	*			
1979	500	*			1979	*			
1980	700	*			1980	300	*		
1981	*				1981	500	500	2,400	600
1982	*				1982	500	500	2,510	630
GRAHAM					GREENLEE				
1978	1,300	1,100	3,460	1,900	1978	*			
1979	1,800	1,800	3,600	3,240	1979	*			
1980	2,500	2,000	4,560	4,560	1980	300	*		
1981	2,100	2,000	4,800	4,800	1981	*			
1982	6,100	6,000	5,260	15,770	1982	300	*		
MARICOPA					MOHAVE				
1978	17,000	14,000	3,550	24,860	1978	*			
1979	18,000	16,000	3,700	29,570	1979	1,000	1,000	3,500	1,750
1980	13,000	16,000	4,420	35,330	1980	1,000	800	3,360	1,340
1981	17,000	16,500	4,780	39,430	1981	700	500	4,080	1,020
1982	20,400	19,800	5,750	56,870	1982	1,000	1,000	5,260	2,630
NAVAJO					PIMA				
1978	300	*			1978	1,700	1,300	3,840	2,500
1979	300	300	2,880	430	1979	2,000	2,000	3,840	3,840
1980	300	300	2,880	430	1980	2,000	2,000	3,980	3,980
1981	300	300	3,120	470	1981	1,300	1,000	4,320	2,160
1982	600	300	3,120	470	1982	1,200	1,000	4,500	2,250
PINAL					SANTA CRUZ				
1978	14,000	12,000	3,170	19,010	1978	500	300	2,830	430
1979	15,000	13,500	3,640	24,580	1979	1,900	*		
1980	25,000	22,000	4,370	48,050	1980	500	*		
1981	22,000	18,000	4,600	41,420	1981	500	*		
1982	28,900	28,700	4,720	67,760	1982	1,000	*		

BARLEY: Acreage, Yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	*				1978	6,000	5,000	3,600	9,000
1979	*				1979	8,000	7,400	3,360	12,430
1980	*				1980	8,000	6,000	4,190	12,580
1981	400	*			1981	4,000	3,000	3,840	5,760
1982	*				1982	4,300	4,300	4,410	9,470

1/ Converted from 48 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BARLEY: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	42	35	3,410	59,640	99.60	5,939
1979	50	43	3,600	77,400	108.80	8,417
1980	60	50	4,320	108,000	111.30	12,015
1981	50	43	4,560	98,040	142.50	13,971
1982	65	63	5,040	158,760	118.80	18,853

1/ Average price for the May through April marketing season.

2/ Converted from 48 pound bushels and rounded.

BARLEY: Farm marketings, Arizona, 1978-79 to 1981-82

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
	Percent											
1978-79	38	45	5	3	2	1	1	1	1	1	1	1
1979-80	33	50	5	3	2	1	1	1	1	1	1	1
1980-81	18	55	16	2	1	1	1	2	1	1	1	1
1981-82	40	45	3	1	1	1	1	2	1	2	1	2

BARLEY: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
	Dollars Per Ton												
1978-79	95.00	102.10	100.00	110.00	103.80	--	--	--	104.60	--	100.00	--	99.60
1979-80	106.70	109.20	109.60	116.30	--	125.80	115.40	--	--	127.10	--	102.90	108.80
1980-81	111.70	108.80	106.70	130.00	127.10	--	155.80	142.90	--	--	--	137.50	111.30
1981-82	145.80	143.30	139.60	110.00	--	--	--	132.50	125.00	122.50	--	110.00	142.50
1982-83 1/	138.30	114.60	110.80	121.30	--	102.50	91.30	--					118.80

1/ Preliminary.

CORN: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	3,000	2,000	1,510	1,510	1978	41,000	37,000	7,220	133,640
1979	2,400	2,000	1,680	1,680	1979	31,000	30,000	7,340	110,040
1980	2,000	1,500	1,980	1,480	1980	30,000	28,000	6,270	87,810
1981	2,200	*			1981	31,000	25,000	7,720	96,540
1982	2,300	200	4,260	430	1982	18,300	15,200	8,520	64,760
COCONINO					GILA				
1978	2,000	1,500	1,570	1,180	1978	*			
1979	1,000	500	1,740	430	1979	*			
1980	2,000	1,500	2,240	1,680	1980	200	*		
1981	2,000	700	3,920	1,370	1981	*			
1982	700	400	2,630	530	1982	*			
GRAHAM					GREENLEE				
1978	4,000	3,000	8,400	12,600	1978	1,000	700	7,000	2,450
1979	4,200	4,000	8,230	16,460	1979	400	300	8,010	1,200
1980	5,000	4,000	5,490	10,980	1980	500	400	5,600	1,120
1981	5,500	4,000	8,400	16,800	1981	400	*		
1982	2,800	2,500	8,850	11,060	1982	*			
MARICOPA					MOHAVE				
1978	10,000	500	3,080	770	1978	*			
1979	11,200	500	4,590	1,150	1979	*			
1980	7,000	*			1980	*			
1981	5,000	*			1981	*			
1982	5,700	*			1982	*			
NAVAJO					PIMA				
1978	6,000	4,000	2,910	5,820	1978	500	*		
1979	6,300	5,500	2,910	8,010	1979	*			
1980	5,000	4,000	3,640	7,280	1980	*			
1981	5,200	3,300	4,200	6,930	1981	*			
1982	6,400	5,200	4,920	12,780	1982	*			
PINAL					SANTA CRUZ				
1978	500	*			1978	500	400	4,200	840
1979	800	*			1979	700	200	4,140	410
1980	1,500	*			1980	800	*		
1981	1,200	*			1981	1,700	500	4,840	1,210
1982	1,000	*			1982	800	*		

CORN: Acreage, yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	1,000	800	5,040	2,020	1978	500	*		
1979	2,000	1,800	5,600	5,040	1979	*			
1980	1,000	500	5,600	1,400	1980	*			
1981	800	500	5,600	1,400	1981	*			
1982	1,100	400	7,210	1,440	1982	*			

1/ Converted from 56 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CORN: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN				
		Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	70	50	6,440	161,000	89.30	14,375
1979	60	45	6,440	144,900	112.10	16,250
1980	55	40	5,600	112,000	139.30	15,600
1981	55	35	7,280	127,400	108.90	13,878
1982	40	25	7,560	94,500	114.30	10,800

1/ Average price for the September through August marketing season.

2/ Converted from 56 pound bushels and rounded.

SORGHUM: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted for all purposes	FOR GRAIN			Year	Planted for all purposes	FOR GRAIN		
		Harvested	Yield per acre	Production			Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1978	500	500	4,200	1,050	1978	10,000	7,000	5,120	17,920
1979	400	400	3,640	730	1979	8,500	6,500	4,650	15,120
1980	500	400	3,780	760	1980	8,000	6,200	4,790	14,840
1981	1,200	900	4,600	2,070	1981	5,000	4,800	4,880	11,700
1982	700	1,600	4,620	1,390	1982	1,900	1,800	5,460	4,910
COCONINO					GILA				
1978	200	*			1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
1982	*				1982	*			
GRAHAM					GREENLEE				
1978	4,000	3,500	4,560	7,980	1978	400	400	3,360	670
1979	3,000	2,600	4,440	5,770	1979	400	400	3,430	690
1980	4,000	3,000	4,670	7,000	1980	600	500	4,140	1,040
1981	3,000	2,900	5,140	7,450	1981	800	700	4,480	1,570
1982	1,700	1,600	5,440	4,360	1982	*			
MARICOPA					MOHAVE				
1978	6,000	4,600	3,980	9,160	1978	500	500	2,800	700
1979	5,000	4,000	3,640	7,280	1979	700	700	3,120	1,090
1980	6,000	3,400	4,040	6,860	1980	900	900	3,740	1,680
1981	4,000	3,000	4,660	7,000	1981	1,500	1,500	4,820	3,610
1982	5,000	3,200	4,680	7,480	1982	*			
NAVAJO					PIMA				
1978	1,200	400	2,170	430	1978	1,000	800	3,920	1,570
1979	1,000	600	1,820	550	1979	1,200	800	3,640	1,460
1980	1,000	700	2,240	780	1980	2,000	1,800	4,040	3,640
1981	1,100	800	2,170	870	1981	2,500	2,400	4,600	5,520
1982	700	600	2,200	660	1982	800	700	4,400	1,540
PINAL					SANTA CRUZ				
1978	5,000	4,200	4,270	8,960	1978	200	*		
1979	7,000	6,000	3,850	11,560	1979	*			
1980	7,500	5,900	3,940	11,620	1980	200	*		
1981	7,000	6,000	4,540	13,610	1981	500	*		
1982	3,000	2,500	4,520	5,650	1982	*			

SORGHUM: Acreage, yield and production, Arizona, by counties, 1978-82 (Cont'd)

Year	Planted for all purposes	FOR GRAIN Harvested	FOR GRAIN Yield per acre	FOR GRAIN Production	Year	Planted for all purposes	FOR GRAIN Harvested	FOR GRAIN Yield per acre	FOR GRAIN Production
	Acres	Acres	Lbs. 1/	Tons 1/		Acres	Acres	Lbs. 1/	Tons 1/
YAVAPAI					YUMA				
1978	*				1978	3,000	3,000	3,990	5,990
1979	200	200	3,360	330	1979	3,500	2,800	3,660	5,120
1980	300	200	3,640	360	1980	4,000	3,000	4,020	6,020
1981	*				1981	3,000	2,800	4,720	6,610
1982	*				1982	1,800	1,600	4,730	3,790

1/ Converted from 56 pound bushels and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SORGHUM: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted for all purposes	FOR GRAIN Harvested	FOR GRAIN Yield per acre	FOR GRAIN Production	FOR GRAIN Season average price 1/	FOR GRAIN Value of production
	1,000 Acres	1,000 Acres	Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1978	32	25	4,370	54,600	92.10	5,031
1979	31	25	3,980	49,700	114.30	5,680
1980	35	26	4,200	54,600	133.60	7,293
1981	30	26	4,650	60,420	113.60	6,862
1982	16	13	4,700	30,580	106.10	3,243

1/ Average price for the July through June marketing season.

2/ Converted from 56 pound bushels and rounded.

SORGHUM: Farm marketings, Arizona, 1978-79 to 1981-82 1/

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
	Percent												
1978-79	--	5	5	45	15	10	5	3	3	3	2	2	2
1979-80	--	1	5	8	30	20	4	12	12	1	3	4	--
1980-81	17	1	9	27	34	6	1	--	--	--	--	5	--
1981-82	35	1	3	5	5	45	2	1	1	2	--	--	--

1/ Marketing season July 1 - June 30. Prior to 1980-81, marketing season was August 1 - July 31.

SORGHUM: Monthly and season average prices received by growers, Arizona, 1978-79 to 1982-83

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season average
	Dollars Per Ton												
1978-79	--	--	85.00	93.40	85.60	95.40	94.20	90.80	101.00	95.40	96.80	--	92.10
1979-80	--	107.00	103.20	105.20	109.60	113.80	113.00	112.40	111.60	113.00	113.00	106.80	114.30
1980-81	140.20	138.00	131.00	128.20	135.20	137.20	--	--	--	--	--	125.00	133.60
1981-82	125.60	100.00	100.40	95.20	96.60	110.60	99.80	116.00	116.00	110.00	--	--	113.60
1982-83 1/	--	--	105.80	104.40	103.40	107.80							106.10

1/ Preliminary.

SAFFLOWER: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Planted	Harvested	Yield per acre	Production	Year	Planted	Harvested	Yield per acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
MARICOPA					PINAL				
1978	2,500	2,500	2,560	3,200	1978	3,500	3,500	2,460	4,300
1979	8,350	8,350	1,960	8,200	1979	2,550	2,550	1,730	2,200
1980	3,200	3,200	1,950	3,120	1980	500	500	2,120	530
1981	900	900	2,330	1,050	1981	600	600	2,250	675
1982	2,950	2,950	2,450	3,610	1982	*			
YUMA									
1978	*								
1979	300	300	2,000	300					
1980	*								
1981	*								
1982	1,650	1,650	2,530	2,090					

1/ Converted from pounds and rounded.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SAFFLOWER: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Lbs.	Tons 2/	Dol./Ton	1,000 Dol.
1978	6,000	6,000	2,500	7,500	230.00	1,725
1979	11,200	11,200	1,910	10,700	245.00	2,622
1980	3,700	3,700	1,973	3,650	270.00	986
1981	1,500	1,500	2,300	1,725	300.00	518
1982	4,600	4,600	2,480	5,700	275.00	1,568

1/ Average price for the marketing season.

2/ Converted from pounds and rounded.

GRAIN STOCKS: On farm and off farm, Arizona, 1978-January 1983

Crop and year	On farm	Off farm 1/	Total	Crop and year	On farm	Off farm 1/	Total
		Tons				Tons	
BARLEY				CORN			
1978				1978			
Jan. 1	10,032	52,008	62,040	Jan. 1	70,000	49,448	119,448
Apr. 1	5,016	14,400	19,416	Apr. 1	16,800	*	*
June 1	2,016	1,920	3,936	June 1	8,400	15,568	23,968
Oct. 1	8,952	25,992	34,944	Oct. 1	1,400	*	*
1979				1979			
Jan. 1	2,976	15,168	18,144	Jan. 1	80,500	53,480	133,980
Apr. 1	1,200	8,808	10,008	Apr. 1	24,164	39,956	64,120
June 1	288	3,696	3,984	June 1	11,284	26,992	38,276
Oct. 1	7,752	26,544	34,296	Oct. 1	1,624	*	*
1980				1980			
Jan. 1	3,864	15,000	18,864	Jan. 1	72,464	45,444	117,908
Apr. 1	1,560	10,224	11,784	Apr. 1	21,728	25,900	47,628
June 1	--	3,264	3,264	June 1	10,136	17,416	27,552
Oct. 1	16,200	41,616	57,816	Oct. 1	2,184	*	*
1981				1981			
Jan. 1	10,800	18,024	28,824	Jan. 1	22,400	59,612	82,012
Apr. 1	4,320	10,032	14,352	Apr. 1	6,720	33,908	40,628
June 1	--	4,680	4,680	June 1	1,120	20,972	22,092
Oct. 1	9,816	50,160	59,976	Oct. 1	--	8,988	8,988
1982				1982			
Jan. 1	2,952	24,552	27,504	Jan. 1	38,220	54,208	92,428
Apr. 1	984	9,144	10,128	Apr. 1	3,836	37,996	41,832
June 1	96	5,280	5,376	June 1	2,940	33,936	36,876
Oct. 1	15,888	40,392	56,280	Oct. 1	2,156	*	*
1983				1983			
Jan. 1	7,944	23,544	31,488	Jan. 1	10,388	96,040	106,428

GRAIN STOCKS: On farm and off farm, Arizona, 1978-January 1983 (Cont'd)

Crop and year	On farm	Off farm 1/	Total	Crop and year	On farm	Off farm 1/	Total
		Tons				Tons	
SORGHUM				WHEAT			
1978				1978			
Jan. 1	20,160	69,244	89,404	Jan. 1	27,210	66,120	93,330
Apr. 1	4,032	64,624	68,656	Apr. 1	6,060	20,460	26,520
June 1	2,016	52,024	54,040	June 1	3,030	8,550	11,580
Oct. 1	--	32,340	32,340	Oct. 1	23,190	107,310	130,500
1979				1979			
Jan. 1	13,664	136,640	150,304	Jan. 1	8,700	37,200	45,900
Apr. 1	5,460	60,060	65,520	Apr. 1	4,350	14,610	18,960
June 1	1,092	59,360	60,452	June 1	1,440	7,920	9,360
Oct. 1	*	*	*	Oct. 1	22,890	43,800	66,690
1980				1980			
Jan. 1	7,448	100,492	107,940	Jan. 1	5,730	21,450	27,180
Apr. 1	2,492	88,900	91,392	Apr. 1	2,850	5,250	8,100
June 1	1,008	36,736	37,744	June 1	--	2,460	2,460
Oct. 1	420	24,500	24,920	Oct. 1	41,280	124,830	166,110
1981				1981			
Jan. 1	5,460	73,248	78,708	Jan. 1	30,960	48,840	79,800
Apr. 1	2,744	73,332	76,076	Apr. 1	7,740	23,940	31,680
June 1	560	27,888	28,448	June 1	--	6,180	6,180
Oct. 1	--	24,024	24,024	Oct. 1	72,090	154,500	226,590
1982				1982			
Jan. 1	8,456	98,812	107,268	Jan. 1	13,110	68,310	81,420
Apr. 1	1,512	73,388	74,900	Apr. 1	1,980	12,330	14,310
June 1	728	36,456	37,184	June 1	1,320	8,370	9,690
Oct. 1	364	20,972	21,336	Oct. 1	44,670	111,360	156,030
1983				1983			
Jan. 1	3,668	50,120	53,788	Jan. 1	33,510	45,270	78,780

GRAIN STOCKS: On farm and off farm, Arizona, 1978-January 1983 (Cont'd)

Crop and year	On farm	Off farm 1/	Total	Year	On farm	Off farm 1/	Total
		Tons				Tons	
OATS							
1978				1981			
Jan. 1	--	752	752	Jan. 1	--	*	*
Apr. 1	--	560	560	Apr. 1	--	384	384
June 1	--	*	*	June 1	--	*	*
Oct. 1	--	1,184	1,184	Oct. 1	--	3,056	3,056
1979				1982			
Jan. 1	--	272	272	Jan. 1	--	2,688	2,688
Apr. 1	--	448	448	Apr. 1	--	*	*
June 1	--	*	*	June 1	--	816	816
Oct. 1	--	*	*	Oct. 1	--	7,184	7,184
1980				1983			
Jan. 1	--	1,968	1,968	Jan. 1	--	*	*
Apr. 1	--	1,552	1,552				
June 1	--	800	800				
Oct. 1	--	1,312	1,312				

1/ Includes stocks at mills, elevators, warehouses, terminals and processors.

* Included in unallocated to avoid disclosing individual operations.

HAY STOCKS: On farm, Arizona, 1978-January 1983

Crop and year	On farm	Total	Year	On farm	Total
	Tons			Tons	
1978			1981		
Jan. 1	438,000	438,000	Jan. 1	365,000	365,000
May 1	205,000	205,000	May 1	25,000	25,000
1979			1982		
Jan. 1	273,000	273,000	Jan. 1	207,000	207,000
May 1	80,000	80,000	May 1	109,000	109,000
1980			1983		
Jan. 1	164,000	164,000	Jan. 1	137,000	137,000
May 1	77,000	77,000			

MISCELLANEOUS FIELD CROPS: Acres, production and value, Arizona, 1981-82 1/

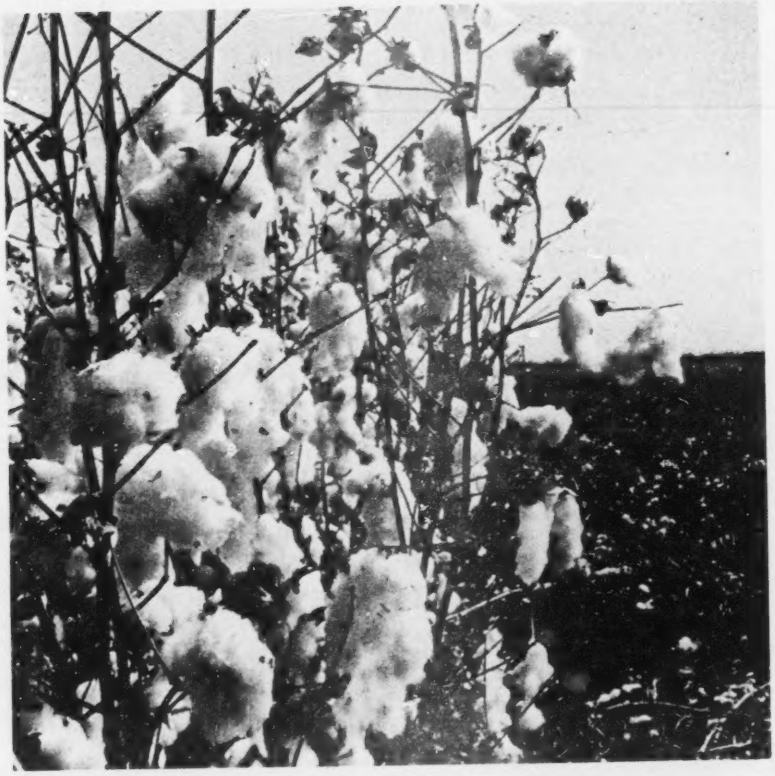
Crop	Year	Harvested acres	Unit	Production	Value of production
		Acres		1,000	1,000 Dol.
DRY BEANS	1981	9,510	Lb.	5,231	2,877
	1982	8,182	Lb.	4,500	2,025
GUAR	1981	7,500	Lb.	10,125	2,025
	1982	22,000	Lb.	31,900	6,380
JOJOBA	1981	8,100		2/	
	1982	16,218	Lb.	150	375
PEANUTS	1981	450	Ton	.55	218
	1982	500	Ton	.75	200
MISCELLANEOUS 3/	1981	1,450		4/	
	1982	1,770		4/	

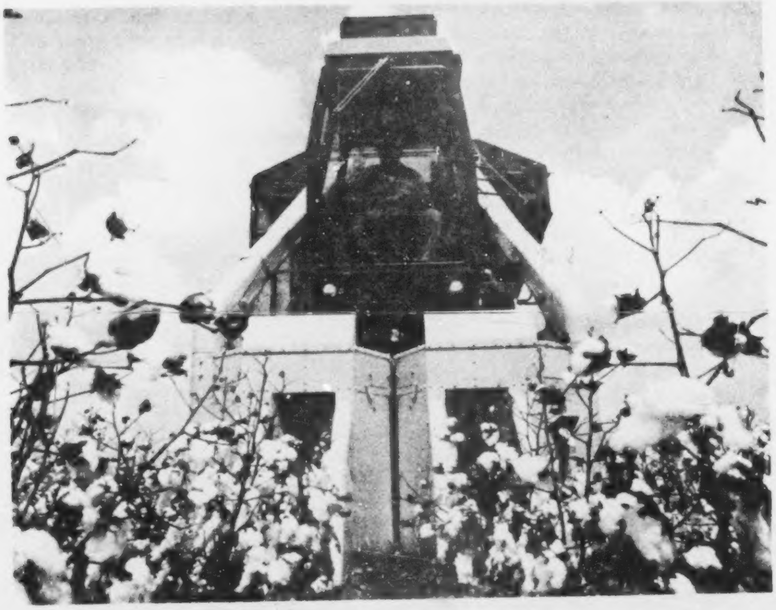
1/ These statistics developed with the assistance of the Arizona Cooperative Extension Service and grain growers and dealers.

2/ No production in 1981.

3/ Includes millet, oats and soybeans.

4/ Not available.





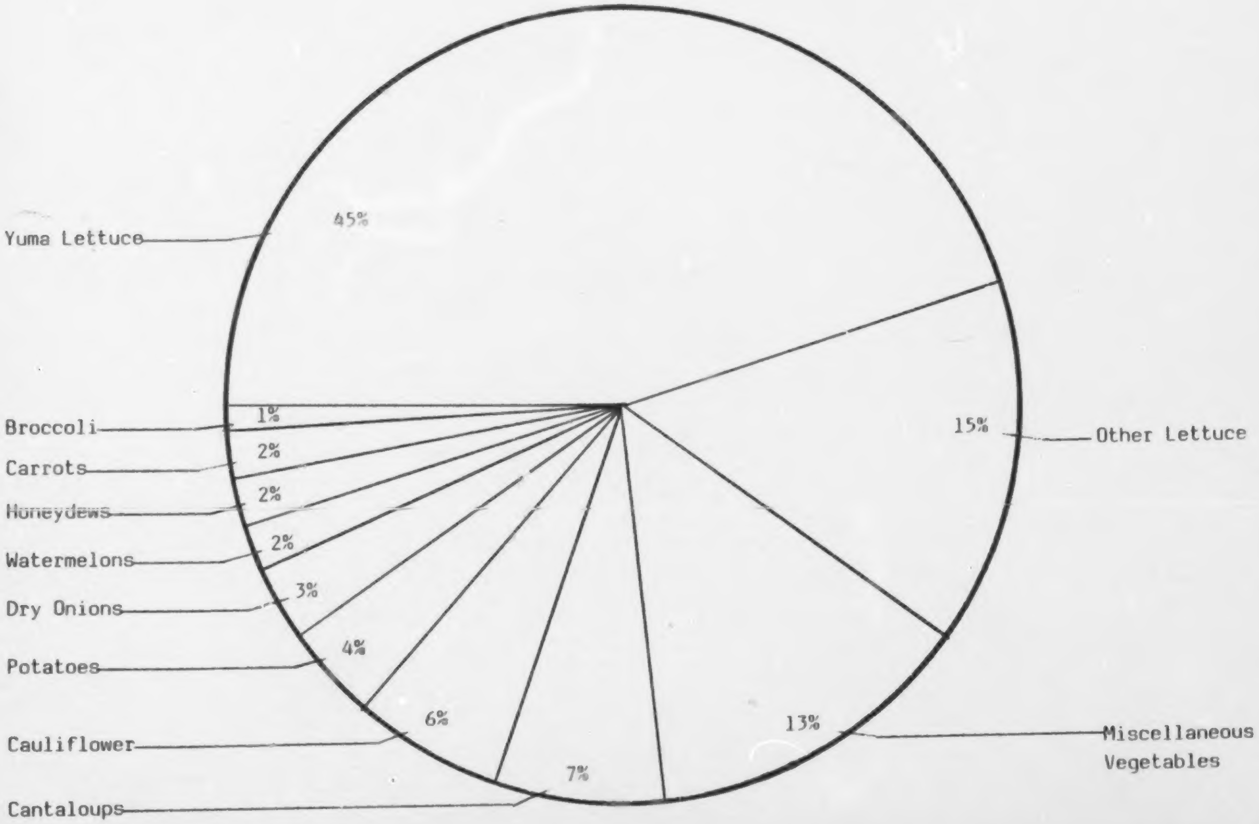
VEGETABLES, MELONS & POTATOES SUMMARY

Acreage of Arizona's principal vegetable and melon crops rebounded in 1982 to 61,250 acres, compared with 55,600 acres in 1981 and 59,400 acres two years earlier. The largest increases were in planting of melons, primarily cantaloups, watermelons and honeydews, which were up 5,600 acres. Dry onion and carrot acreage also increased 600 and 500 acres, respectively. The increased plantings of melons accounted for some dramatic increases in acreage for Yuma and Maricopa counties. Yuma County melon acreage at 6,100 was up 71 percent from a year ago, while Maricopa County was up 35 percent at 7,550 harvested acres.

Lettuce is still by far the most important vegetable crop in Arizona with 32,300 acres harvested and a total value of $150 million. Last year, 31,600 acres were harvested worth a total value of $87 million. Melons were second in terms of acreage and total value with 16,700 acres harvested worth a total of $29 million.

A new table for miscellaneous vegetable crops was added this year in an attempt to show the importance of vegetable crops not in our regular estimating program. Many of the crops are specialty items of very limited acreage, but together they account for considerable acreage and value in Arizona's agricultural economy. Leading the way are green onions, greens, cabbage, garlic, and red leaf lettuce. Total value of production for all miscellaneous vegetables account for 13 percent of the value of all vegetables in Arizona.

VALUE OF PRODUCTION



OTHER LETTUCE, SPRING: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	650	231	150	1978	2,550	262	668
1979	2,000	106	211	1979	3,100	222	689
1980	830	182	151	1980	2,160	286	618
1981	720	322	232	1981	2,830	313	886
1982	1,050	369	387	1982	2,800	419	1,172
PIMA				PINAL			
1978	1,650	279	460	1978	2,450	281	688
1979	1,400	235	329	1979	2,000	239	477
1980	530	260	138	1980	790	254	201
1981	500	354	177	1981	750	353	265
1982	350	383	134	1982	500	422	211

1/ Calender year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma County.

OTHER LETTUCE, SPRING: Acreage, yield, production, price and value, Arizona, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres	Acres	Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	7,300	7,300	269	1,966	15.50	30,470
1979	8,500	8,500	201	1,706	11.28	19,243
1980	4,300	4,300	310	1,333	14.40	19,195
1981	4,800	4,800	325	1,560	9.63	15,023
1982	4,700	4,700	405	1,904	14.30	27,227

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma County.

2/ Average price for March through June marketing season.

OTHER LETTUCE, FALL: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	1,550	261	404	1978	3,300	117	385
1979	1,450	248	360	1979	2,600	169	439
1980	1,150	183	211	1980	2,290	198	454
1981	890	200	178	1981	1,990	194	386
1982	1,100	215	237	1982	2,650	210	557
PIMA				PINAL			
1978	1,050	93	98	1978	1,600	94	151
1979	250	196	49	1979	400	208	83
1980	220	191	42	1980	330	182	60
1981	250	220	55	1981	370	219	81
1982	300	200	60	1982	750	205	154

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma County.

2/ Average price for the September through December marketing season.

OTHER LETTUCE, FALL: Acreage, yield, production, price and value, Arizona, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	7,500	7,500	138	1,038	13.39	13,899
1979	4,700	4,700	198	931	8.97	8,351
1980	4,000	4,000	230	920	11.30	10,396
1981	3,500	3,500	210	735	12.60	9,261
1982	4,800	4,800	210	1,008	10.40	10,483

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma County.

OTHER LETTUCE, ALL: Acreage, yield, production, price and value, Arizona, 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	14,800	14,800	203	3,004	14.80	44,369
1979	13,200	13,200	200	2,637	10.50	27,594
1980	8,300	8,300	270	2,253	13.10	29,591
1981	8,300	8,300	275	2,295	10.60	24,284
1982	9,500	9,500	305	2,912	12.90	37,710

1/ Calendar year for other lettuce. "Other lettuce" refers to lettuce produced in all areas of the state except Yuma County.

2/ Average price for the March through June and September through December marketing seasons.

OTHER LETTUCE, ALL: Monthly and season average prices received by growers, Arizona, 1978-82

Crop year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season average
						Dollars Per Cwt.							
1978 1/													14.80
1979 1/													10.50
1980	--	--	17.60	14.70	11.90	7.40	--	--	--	9.62	13.20	8.01	13.10
1981	--	--	11.40	8.15	13.70	8.90	--	--	--	8.83	10.00	18.90	10.60
1982	--	--	20.20	14.40	10.90	10.10	--	--	--	9.48	12.00	--	12.90

1/ Monthly prices for other lettuce are not available prior to 1980.

YUMA COUNTY LETTUCE: Acreage, yield, production, price and value, Arizona, 1977-78 to 1981-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977-78	23,700	23,700	222	5,261	9.73	51,190
1978-79	29,400	29,400	225	6,615	12.40	82,026
1979-80	31,100	31,100	230	7,153	7.82	55,936
1980-81	24,900	24,900	295	7,346	9.29	68,244
1981-82	22,800	22,800	297	6,772	16.60	112,415

1/ Crop year for Yuma County lettuce.

2/ Average price for the November through April marketing season.

YUMA COUNTY LETTUCE: Monthly and season average prices received by growers, Arizona, 1977-78 to 1981-82 1/

Year	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season average
				Dollars Per Cwt.			
1977-78							9.73
1978-79							12.40
1979-80			6.14	7.11	9.65	17.10	7.82
1980-81	12.00	7.75	8.80	8.69	10.30	8.70	9.29
1981-82	13.60	20.80	28.10	10.80	12.70	23.60	16.60

1/ Monthly prices for Yuma lettuce are not available prior to 1980.

DRY ONIONS, SPRING: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	800	420	336
1979	*			1979	950	427	406
1980	*			1980	900	470	423
1981	*			1981	1,000	489	489
1982	*			1982	1,300	525	683
PINAL				YUMA			
1978	150	413	62	1978	850	400	340
1979	*			1979	650	200	130
1980	150	433	65	1980	350	386	135
1981	*			1981	100	230	23
1982	*			1982	200	490	98

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DRY ONIONS, SPRING: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres	Acres	Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	2,100	1,800	410	738	5.11	3,772
1979	1,600	1,600	335	536	8.99	4,816
1980	1,400	1,400	445	623	9.43	5,874
1981	1,100	1,100	465	512	17.00	8,704
1982	1,700	1,700	515	876	7.88	6,899

1/ Average price for the May through June marketing season.

DRY ONIONS, SPRING: Monthly and season average prices received by growers, Arizona, 1978-82

Year	May	June	Season average
	Dollars Per Cwt.		
1978	5.70	6.40	5.11
1979	7.30	12.40	8.99
1980	12.10	9.10	9.43
1981	17.30	15.60	17.00
1982	8.79	7.50	7.88

CAULIFLOWER: Acreage, yield and production, Arizona, by counties, 1977-78 to 1981-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				YUMA			
1977-78	500	56	28	1977-78	800	73	58
1978-79	650	51	33	1978-79	1,350	104	140
1979-80	550	82	45	1979-80	1,400	114	160
1980-81	530	96	51	1980-81	1,870	117	219
1981-82	490	114	56	1981-82	1,910	165	316

CAULIFLOWER: Acreage, yield and production, price and value, Arizona, 1977-78 to 1981-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977-78	1,300	1,300	66	86	28.97	2,492
1978-79	2,000	2,000	87	173	29.91	5,175
1979-80	1,950	1,950	105	205	37.10	8,015
1980-81	2,400	2,400	113	270	34.80	9,408
1981-82	2,400	2,400	155	372	41.50	15,451

1/ Average price for the November through April marketing season.

SPRING CARROTS: Acreage, yield and production, Arizona, by counties, 1977-78 to 1981-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977-78	*			1977-78	1,800	129	232
1978-79	*			1978-79	2,000	121	241
1979-80	*			1979-80	1,750	137	239
1980-81	*			1980-81	1,630	137	223
1981-82	200	160	32	1981-82	2,400	169	406
PINAL				YAVAPAI			
1977-78	*			1977-78	*		
1978-79	*			1978-79	*		
1979-80	100	130	13	1979-80	100	150	15
1980-81	270	130	35	1980-81	*		
1981-82	*			1981-82	*		
YUMA							
1977-78	*						
1978-79	*						
1979-80	*						
1980-81	*						
1981-82	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING CARROTS: Acreage, yield, production, price and value, Arizona, 1977-78 to 1981-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977-78	2,000	2,000	128	255	9.24	2,355
1978-79	2,000	2,000	121	241	10.81	2,605
1979-80	2,000	[illegible],000	138	275	8.13	2,235
1980-81	1,900	1,[illegible]00	136	258	12.60	3,251
1981-82	2,600	2,600	169	438	12.70	5,563

1/ Average price for the December through June marketing season.

SPRING CARROTS: Monthly and season average prices received by growers, Arizona, 1977-78 to 1981-82

Year	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season average
				Dollars Per Cwt.				
1977-78	--	10.80	10.50	7.50	8.20	9.20	9.00	9.24
1978-79	--	14.10	13.70	10.70	9.00	11.40	10.50	10.81
1979-80	--	10.00	7.60	6.90	7.14	7.85	10.20	8.13
1980-81	--	13.50	13.10	11.10	10.30	14.50	12.50	12.60
1981-82	--	14.50	14.70	14.10	13.20	13.10	9.36	12.70

BROCCOLI: Acreage, yield and production, Arizona, by counties, 1977-78 to 1981-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				YUMA			
1977-78	750	57	43	1977-78	150	53	8
1978-79	900	54	49	1978-79	300	60	18
1979-80	650	68	44	1979-80	*		
1980-81	700	71	50	1980-81	*		
1981-82	850	71	60	1981-82	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BROCCOLI: Acreage, yield and production, price and value, Arizona, 1977-78 to 1981-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977-78	900	900	57	51	21.57	1,100
1978-79	1,200	1,200	56	67	27.57	1,847
1979-80	650	650	68	44	29.25	1,287
1980-81	700	700	71	50	28.00	1,402
1981-82	850	850	71	60	33.40	2,004

1/ Average price for the December through April marketing season.

HONEYDEWS, SPRING: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	200	160	32
1979	*			1979	50	100	5
1980	*			1980	100	100	10
1981	*			1981	*		
1982	*			1982	350	217	76
MOHAVE				PINAL			
1978	*			1978	*		
1979	*			1979	*		
1980	550	142	78	1980	*		
1981	1,200	180	216	1981	*		
1982	300	130	39	1982	*		
YUMA							
1978	1,200	160	192				
1979	1,150	163	187				
1980	550	156	86				
1981	*						
1982	50	120	6				

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* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

HONEYDEWS, SPRING: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	1,400	1,400	160	224	9.02	2,020
1979	1,200	1,200	160	192	8.30	1.594
1980	1,200	1,200	145	174	10.40	1,810
1981	1,200	1,200	180	216	12.10	2,614
1982	750	750	167	125	9.32	1,165

1/ Average price for the June through July marketing season.

HONEYDEWS, FALL: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	220	205	45
1979	*			1979	250	192	48
1980	*			1980	200	120	24
1981	*			1981	400	110	44
1982	*			1982	450	167	75
MOHAVE				PINAL			
1978	*			1978	*		
1979	*			1979	*		
1980	*			1980	*		
1981	100	120	12	1981	*		
1982	500	90	45	1982	*		
YUMA							
1978	*						
1979	150	160	24				
1980	200	210	42				
1981	600	122	73				
1982	2,100	100	211				

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* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

HONEYDEWS, FALL: Acreage, yield, production, price and value, Arizona 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	220	220	205	45	7.04	317
1979	400	400	180	72	9.41	678
1980	400	400	165	66	7.45	492
1981	1,100	1,100	117	129	15.31	1,975
1982	3,050	3,050	109	331	11.09	3,669

1/ Average price for the October through November marketing season.

HONEYDEWS: Acreage, yield, production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	1,620	1.620	166	269	8.69	2,337
1979	1,600	1,600	165	264	8.61	2,272
1980	1,600	1,600	150	240	9.58	2,302
1981	2,300	2,300	150	345	13.30	4,589
1982	3,800	3,800	120	456	10.60	4,834

1/ Average price for the June through July and October through November marketing seasons.

HONEYDEWS: Monthly and season average prices received by growers, Arizona, 1978-82

Year	June	July	Aug.	Sept.	Oct.	Nov.	Season average
				Dollars Per Cwt.			
1978	8.70	9.20	--	--	6.30	7.40	8.69
1979	11.10	7.60	--	--	9.70	8.80	8.61
1980	12.50	10.10	--	--	7.06	7.83	9.58
1981	12.40	13.20	--	--	15.50	17.30	13.30
1982	10.80	9.82	--	--	10.90	15.10	10.60

CANTALOUPS SUMMER: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	3,500	190	666
1979	*			1979	1,950	115	224
1980	*			1980	2,900	155	448
1981	*			1981	2,050	153	314
1982	*			1982	3,550	145	515
PINAL				YUMA			
1978	60	183	11	1978	5,540	135	748
1979	50	100	5	1979	5,100	158	806
1980	*			1980	1,700	163	277
1981	50	140	7	1981	2,200	193	424
1982	250	140	35	1982	2,650	197	522

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* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CANTALOUPS SUMMER: Acreage, yield and production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	9,100	9,100	157	1,425	11.82	16,840
1979	7,100	7,100	146	1,035	13.59	14,062
1980	4,600	4,600	158	725	17.01	12,332
1981	4,300	4,300	173	745	17.75	13,226
1982	6,450	6,450	166	1,072	15.30	16,539

1/ Average price for the May through July marketing season.

CANTALOUPS FALL: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	750	120	90
1979	100	50	5	1979	1,900	108	205
1980	*			1980	1,900	96	182
1981	*			1981	900	125	113
1982	50	60	3	1982	700	97	68
PINAL				YUMA			
1978	50	120	6	1978	*		
1979	*			1979	*		
1980	*			1980	*		
1981	*			1981	*		
1982	50	100	5	1982	150	127	19

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CANTALOUPS FALL: Acreage, yield and production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	800	800	120	96	8.98	862
1979	2,000	2,000	105	210	17.14	3,599
1980	1,900	1,900	96	182	10.51	1,912
1981	900	900	126	113	11.90	1,345
1982	950	950	100	95	11.40	1,083

1/ Average price for the October through November marketing season.

CANTALOUPS ALL: Acreage, yield and production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	9,900	9,900	154	1,521	11.64	17,702
1979	9,100	9,100	137	1,245	14.19	17,661
1980	6,500	6,500	140	907	15.70	14,244
1981	5,200	5,200	165	858	16.98	14,571
1982	7,400	7,400	158	1,167	15.10	17,622

1/ Average price for the combined May through July and October through November marketing seasons.

WATERMELONS: Acreage, yield and production, Arizona, by counties, 1978-82 1/

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	2,150	148	318
1979	400	123	49	1979	4,100	137	563
1980	750	92	69	1980	1,700	194	330
1981	750	61	46	1981	1,690	240	405
1982	750	63	47	1982	2,500	282	705
MOHAVE				PINAL			
1978	*			1978	550	147	81
1979	*			1979	700	127	89
1980	*			1980	500	192	96
1981	*			1981	400	223	89
1982	100	220	22	1982	1,000	273	273
YUMA							
1978	1,100	155	171				
1979	1,100	127	140				
1980	450	171	77				
1981	760	183	139				
1982	1,150	226	260				

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are unavailable.

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

WATERMELONS: Acreage, yield and production, price and value, Arizona 1978-82 1/

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 2/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	3,800	3,800	150	570	6.85	3,904
1979	6,300	6,300	134	841	4.24	3,568
1980	3,400	3,400	168	572	6.35	3,632
1981	3,600	3,600	189	679	7.98	5,418
1982	5,500	5,500	238	1,307	4.84	6,326

1/ Watermelons are planted as Spring and Fall crops. Estimates by season are unavailable.

2/ Average price for the May through July and September through November marketing seasons.

SPRING POTATOES: Acreage, yield and production, Arizona, by counties, 1978-82

Year	Harvested	Yield per acre	Production	Year	Harvested	Yield per acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1978	*			1978	6,000	265	1,590
1979	*			1979	6,200	210	1,302
1980	*			1980	4,400	290	1,276
1981	*			1981	5,200	280	1,456
1982	*			1982	4,700	305	1,434
YUMA							
1978	*						
1979	*						
1980	*						
1981	*						
1982	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SPRING POTATOES: Acreage, yield and production, price and value, Arizona, 1978-82

Year	Planted	Harvested	Yield per harvested acre	Production	Season average price 1/	Value of production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1978	6,000	6,000	265	1,590	8.15	12,959
1979	6,200	6,200	210	1,302	4.40	5,729
1980	4,400	4,400	290	1,276	5.25	6,699
1981	5,200	5,200	280	1,456	7.55	10,993
1982	4,700	4,700	305	1,434	6.55	9,393

1/ Average price for the April through July marketing season.

SPRING POTATOES: Monthly and season average prices received by growers, Arizona, 1978-82 1/

Crop and year	April	May	June	July	Season average
			Dollars Cwt.		
1978	--	7.70	8.30	--	8.15
1979	--	5.50	4.15	3.95	4.40
1980	--	5.70	4.90	--	5.25
1981	12.40	9.15	6.20	5.90	7.55
1982	8.10	8.20	5.60	4.85	6.55

1/ Includes fresh market and processed potato prices.

MISCELLANEOUS VEGETABLES: Acres, production and value, Arizona, 1981-82

Crop	Year	Harvested acres 1/	Unit	Production 1/	Value of production 2/
		Acres		1,000	1,000 Dol.
BEETS	1981	64	35 lb. Carton	37	187
	1982	72	35 lb. Carton	14	70
BOK CHOY	1981	34	35 lb. Carton	13	81
	1982	49	35 lb. Carton	15	105
CABBAGE	1981	1,634	50 lb. Carton	251	1,064
	1982	768	50 lb. Carton	401	1,203
ENDIVE	1981	93	25 lb. Carton	31	125
	1982	87	25 lb. Carton	36	144
ESCAROLE	1981	46	50 lb. Carton	10	39
	1982	48	50 lb. Carton	7	28
GARLIC	1981	20	Ton	.1	7
	1982	543	Ton	4	280
GREENS	1981	1,798	25 lb. Carton	1,713	6,852
	1982	1,629	25 lb. Carton	1,795	4,488
LETTUCE, BOSTON	1981	105	35 lb. Carton	19	70
	1982	91	35 lb. Carton	14	56
LETTUCE, RED LEAF	1981	600	35 lb. Carton	292	1,022
	1982	550	35 lb. Carton	360	1,440
LETTUCE, ROMAINE	1981	279	35 lb. Carton	171	687
	1982	259	35 lb. Carton	235	940
ONIONS, GREEN	1981	2,362	18 lb. Carton	2,887	12,991
	1982	2,151	18 lb. Carton	3,092	12,368
PARSLEY	1981	158	21 lb. Carton	98	393
	1982	146	21 lb. Carton	95	404
PUMPKINS	1981	344	Ton	.4	24
	1982	342	Ton	.5	30
RADISHES	1981	93	40 lb. Carton	96	313
	1982	186	40 lb. Carton	86	344
RAPINI	1981	719	25 lb. Carton	282	1,977
	1982	525	25 lb. Carton	222	1,554
SPINACH	1981	322	25 lb. Carton	128	448
	1982	243	25 lb. Carton	131	524
SQUASH	1981	70	24 lb. Carton	12	63
	1982	212	24 lb. Carton	27	142
TURNIPS	1981	560	25 lb. Sack	240	900
	1982	374	25 lb. Sack	173	606
OTHER MISC. VEG. 2/ 3/	1981	1,230		4/	3,589
	1982	1,240		4/	5,342

1/ Acreage and production figures from the Arizona Fruit and Vegetable Standardization Service annual reports. 1981 production excluded intrastate sales.

2/ These statistics developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service and local growers.

3/ Includes anise, artichokes, asparagus, beet root, blackeyed peas, chard, chili peppers, eggplant, green beans, green peas, green peppers, lima beans, Mexican corn, miscellaneous melons, napa, okra, parsnip, rutabagas, tomatoes and turnip root.

4/ Not available due to the different units of production for these vegetables.

FRUIT & NUT SUMMARY

Arizona has several specialty crops in addition to the basic field crops. The State is probably best known in the specialty field for its citrus industry. The major citrus varieties include grapefruit, lemons, navel oranges, Valencia oranges and tangerines. Production for the different varieties tends to fluctuate yearly. This fluctuation is usually attributed to the different consumer demand patterns. The total production is derived of both fruit picked fresh and fruit that is processed for other uses such as juice. A 26 percent and 7 percent increase in production were noted for Valencia oranges and tangerines, respectively, during the 1981-82 crop year. At the same time grapefruit production declined 14 percent and lemon production declined 10 percent. Navel oranges are categorized with sweets and miscellaneous oranges and production for that category remained unchanged at 1,800,000 cartons. With the combination of both an increase in production and price, the Valencia oranges showed the largest increase in value going from 5.0 million dollars during the 1980-81 season to 12.3 million dollars for the 1981-82 season. Lemons, tangerines and navel and miscellaneous oranges also showed increases in value, due mostly to increased prices, with total value being 32.1, 5.1 and 5.7 million dollars, respectively. The only decline in value occurred with grapefruit going from 11.0 million dollars to 6.0 million dollars for the 1981-82 year.

Grapes are another important fruit to Arizona producing a value in 1982 of 13.8 million dollars. This was down 10 percent from the previous year. Production actually increased 1,600 tons to 14,000 tons. Several varieties are available for harvest but the Thompson seedless variety continued to lead substantially over other varieties in total production.

This year we have added some additional data to the Fruit and Nut Section by including another page containing acreage, production and value for several miscellaneous crops. No major changes in production and value occurred to the miscellaneous fruit between 1981 and 1982 with the exception of plums.

Arizona over the years has largely expanded pecan acreage with approximately 11,615 acres in production in 1982. Most of this acreage is centered in south central and southeastern Arizona. In addition to pecans, growers in the State have planted 329 acres of pistachios. In 1982 the first pistachio production was obtained from a small part of the total acreage.

CITRUS FRUIT: Production and price, Arizona, 1977-78 to 1981-82

Variety and crop year	Production			Price								
				FOB packed			Equivalent packing house door			Equivalent on-tree		
	All	Fresh	Processed	All	Fresh	Processed	All	Fresh	Processed	All	Fresh	Processed
	1,000 Cartons 1/			Dollars Per Carton								
ALL ORANGES												
1977-78	7,240	5,270	1,970	3.93	4.98	1.11	2.66	3.32	.91	2.04	2.69	.29
1978-79	5,800	3,280	2,520	4.16	6.50	1.11	3.00	4.37	1.22	2.10	3.34	.48
1979-80	7,000	4,400	2,600	3.14	4.35	1.08	1.56	2.02	.79	.86	1.32	.09
1980-81	5,200	3,360	1,840	3.78	5.10	1.38	1.94	2.78	.38	1.21	2.06	-.36
1981-82	6,100	4,240	1,860	4.57	6.05	1.21	2.95	3.83	.94	2.10	2.98	.09
NAVEL, SWEET & MISC. ORANGES												
1977-78	1,640	1,370	270	4.70	5.55	.38	3.32	3.93	.23	2.69	3.30	-.40
1978-79	1,400	1,200	200	6.28	7.20	.75	4.45	5.10	.55	3.50	4.10	-.15
1979-80	1,700	1,300	400	4.39	5.50	.79	2.58	3.20	.54	1.88	2.50	-.16
1980-81	1,800	1,340	460	4.44	5.85	.33	2.83	3.75	.13	2.13	3.05	-.57
1981-82	1,800	1,440	360	4.95	6.10	.34	3.16	3.92	.12	2.33	3.09	-.71
VALENCIA ORANGES												
1977-78	5,600	3,900	1,700	3.70	4.78	1.22	2.47	3.10	1.02	1.85	2.48	.40
1978-79	4,400	2,080	2,320	3.67	6.10	1.50	2.54	3.95	1.28	1.65	2.90	.53
1979-80	5,300	3,100	2,200	2.73	3.87	1.13	1.23	1.52	.83	.53	.82	.13
1980-81	3,400	2,020	1,380	3.07	4.61	.81	1.46	2.14	.47	.72	1.40	-.29
1981-82	4,300	2,800	1,500	4.40	6.00	1.41	2.86	3.78	1.14	2.01	2.93	.29
GRAPEFRUIT												
1977-78	6,000	2,400	3,600	1.34	3.00	.23	.67	1.55	.08	.22	1.10	-.37
1978-79	4,500	2,100	2,400	2.41	4.64	.46	1.45	2.77	.29	.85	2.17	-.31
1979-80	6,000	2,640	3,360	2.16	4.22	.54	1.30	2.52	.34	.75	1.97	-.21
1980-81	5,600	3,200	2,400	3.06	4.87	.65	1.96	3.06	.50	1.36	2.46	-.10
1981-82	4,800	2,220	2,580	2.31	4.62	.33	1.25	2.50	.18	.58	1.83	-.51
LEMONS												
1977-78	11,600	4,600	7,000	2.61	5.55	.67	1.54	3.25	.42	.44	2.15	-.68
1978-79	11,000	5,600	5,400	3.50	6.15	.76	2.01	3.45	.51	.87	2.17	-.49
1979-80	6,100	3,170	2,930	5.88	9.70	1.74	4.05	6.45	1.45	2.57	4.95	-.02
1980-81	14,000	4,480	9,520	3.25	6.80	1.58	2.06	3.60	1.33	.61	2.15	-.12
1981-82	12,600	5,160	7,440	4.09	8.30	1.17	2.55	4.93	.90	1.08	3.47	-.57
TANGERINES												
1977-78	1,200	820	380	4.91	6.90	.60	3.86	5.45	.43	3.19	4.78	-.25
1978-79	900	500	400	5.14	8.65	.75	3.87	6.55	.53	2.96	5.50	-.23
1979-80	1,500	880	620	4.29	6.65	.94	2.17	3.20	.69	.67	1.70	-.81
1980-81	1,400	800	600	4.98	8.30	.56	3.02	5.05	.31	1.52	3.55	-1.19
1981-82	1,500	900	600	5.56	8.60	1.01	3.37	5.15	.71	1.85	3.63	-.82

1/ Carton weights: Oranges, 37.5 pounds; Grapefruit, 32 pounds; Lemons, 38 pounds; Tangerines, 37.5 pounds. One thousand cartons are equivalent to one carlot or 500 USDA boxes.

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Acreage and production, Arizona, by counties, 1977-78 to 1981-82

County and crop year	Harvested 1/	Fresh	Processed	County and crop year	Harvested 1/	Fresh	Processed
	Acres	1,000 Cartons 2/			Acres	1,000 Cartons 2/	
MARICOPA 3/				YUMA			
1977-78	5,820	1,240	250	1977-78	470	130	20
1978-79	5,070	1,100	180	1978-79	250	100	20
1979-80	5,350	1,220	370	1979-80	280	80	30
1980-81	5,200	1,270	430	1980-81	220	70	30
1981-82	5,340	1,400	350	1981-82	230	40	10

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ One carton = 37.5 pounds.

3/ Includes small acreage and production in Pinal County.

NAVEL, SWEET AND MISCELLANEOUS ORANGES: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	6,290	1,640	3.32	5,437
1978-79	5,320	1,400	4.45	6,230
1979-80	5,630	1,700	2.58	4,378
1980-81	5,420	1,800	2.83	5,085
1981-82	5,570	1,800	3.16	5,679

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ Equivalent packinghouse door returns. Marketing season November 1 through March 15.

3/ One carton = 37.5 pounds.

VALENCIA ORANGES: Acreage and production, Arizona, by counties, 1977-78 to 1981-82

County and crop year	Harvested 1/	Fresh	Processed	County and crop year	Harvested 1/	Fresh	Processed
	Acres	1,000 Cartons 2/			Acres	1,000 Cartons 2/	
MARICOPA 3/				YUMA			
1977-78	3,620	2,220	970	1977-78	6,920	1,680	730
1978-79	2,990	700	790	1978-79	6,460	1,380	1,530
1979-80	3,460	1,510	960	1979-80	6,570	1,590	1,240
1980-81	3,030	770	520	1980-81	4,760	1,250	860
1981-82	3,510	1,180	630	1981-82	4,440	1,620	870

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ One carton = 37.5 pounds.

3/ Includes small acreage and production in Pinal County.

VALENCIA ORANGES: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	10,540	5,600	2.47	13,832
1978-79	9,450	4,400	2.54	11,176
1979-80	10,030	5,300	1.23	6,519
1980-81	7,790	3,400	1.46	4,965
1981-82	7,950	4,300	2.86	12,273

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ Equivalent packinghouse door returns. Marketing season February 1 through July 15.

3/ One carton = 37.5 pounds.

ALL ORANGES: Acreage and production, Arizona, by counties, 1977-78 to 1981-82

County & crop year	Harvested 1/	Fresh	Processed	County & crop year	Harvested 1/	Fresh	Processed
	Acres	1,000 Cartons 2/			Acres	1,000 Cartons 2/	
MARICOPA 3/				YUMA			
1977-78	9,440	3,460	1,220	1977-78	7,390	1,810	750
1978-79	8,060	1,800	970	1978-79	6,710	1,480	1,550
1979-80	8,810	2,730	1,330	1979-80	6,850	1,670	1,270
1980-81	8,230	2,040	950	1980-81	4,980	1,320	890
1981-82	8,850	2,580	980	1981-82	4,670	1,660	880

1/ Source: Arizona Fruit and Vegetable Standardization Service.
2/ One carton = 37.5 pounds.
3/ Includes small acreage and production in Pinal County.

ALL ORANGES: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	16,830	7,240	2.66	19,269
1978-79	14,770	5,800	3.00	17,406
1979-80	15,660	7,000	1.56	10,897
1980-81	13,210	5,200	1.94	10,050
1981-82	13,520	6,100	2.95	17,952

1/ Source: Arizona Fruit and Vegetable Standardization Service.
2/ Equivalent packinghouse door returns.
3/ One carton = 37.5 pounds.

GRAPEFRUIT: Acreage and production, by varieties, Arizona, by counties, 1977-78 to 1981-82

County & crop year	Harvested 1/			Fresh 2/	Processed 2/	County & crop year	Harvested 1/			Fresh 2/	Processed 2/
	White	Red Blush	All				White	Red Blush	All		
	Acres			1,000 Cartons 3/			Acres			1.000 Cartons 3/	
MARICOPA 4/						YUMA					
1977-78	3,880	2,920	6,800	1,390	2,300	1977-78	1,050	2,970	4,020	1,010	1,300
1978-79	2,790	2,680	5,470	1,320	1,510	1978-79	710	2,710	3,420	780	890
1979-80	2,760	2,320	5,080	1,580	2,130	1979-80	770	2,590	3,360	1,060	1,230
1980-81	2,540	2,750	5,290	2,080	1,560	1980-81	570	2,250	2,820	1,120	840
1981-82	2,690	2,750	5,440	1,580	1,930	1981-82	420	2,300	2,720	580	710

1/ Source: Arizona Fruit and Vegetable Standardization Service.
2/ Production for all grapefruit.
3/ One carton = 32 pounds.
4/ Includes small acreage and production in Pinal County.

GRAPEFRUIT: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	10,820	6,000	.67	4,020
1978-79	8,890	4,500	1.45	6,503
1979-80	8,440	6,000	1.30	7,770
1980-81	8,110	5,600	1.96	10,976
1981-82	8,160	4,300	1.25	6,002

1/ Source: Arizona Fruit and Vegetable Standardization Service.
2/ Equivalent packinghouse door returns. Marketing season September 1 through July 31.
3/ One carton = 32 pounds.

LEMONS: Acreage and production, Arizona, by counties, 1977-78 to 1981-82

County & crop year	Harvested 1/	Fresh	Processed	County & crop year	Harvested 1/	Fresh	Processed
	Acres	1,000 Cartons 2/			Acres	1,000 Cartons 2/	
MARICOPA 3/				YUMA			
1977-78	2,610	640	1,260	1977-78	18,280	3,960	5,740
1978-79	1,430	670	970	1978-79	17,180	4,930	4,430
1979-80	2,150	410	600	1979-80	18,110	2,760	2,330
1980-81	2,150	500	1,050	1980-81	17,030	3,980	8,470
1981-82	2,250	670	970	1981-82	19,360	4,490	6,470

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ One carton = 38 pounds.

3/ Includes small acreage and production in Pinal County.

LEMONS: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	20,890	11,600	1.54	17,864
1978-79	18,610	11,000	2.01	22,055
1979-80	20,260	6,100	4.05	24,675
1980-81	19,180	14,000	2.06	28,790
1981-82	21,610	12,600	2.55	32,135

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ Equivalent packinghouse door returns. Marketing season August 20 through May 15.

3/ One carton = 38 pounds.

TANGERINES: Acreage and production, Arizona, by counties, 1977-78 to 1981-82

County & crop year	Harvested 1/	Fresh	Processed	County & crop year	Harvested 1/	Fresh	Processed
	Acres	1,000 Cartons 2/			Acres	1,000 Cartons 2/	
MARICOPA 3/				YUMA			
1977-78	2,270	460	260	1977-78	1,830	360	120
1978-79	1,890	270	220	1978-79	1,640	230	180
1979-80	1,820	480	370	1979-80	1,460	400	250
1980-81	1,710	430	330	1980-81	1,440	370	270
1981-82	2,120	730	490	1981-82	1,270	170	110

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ One carton = 37.5 pounds.

3/ Includes small acreage and production in Pinal County.

TANGERINES: Acreage, production, price and value, Arizona, 1977-78 to 1981-82

Year	Harvested 1/	Production	Season average price 2/	Value of production
	Acres	1,000 Cartons 3/	Dol./Ctn.	1,000 Dol.
1977-78	4,100	1,200	3.86	4,632
1978-79	3,530	900	3.87	3,483
1979-80	3,280	1,500	2.17	3,248
1980-81	3,150	1,400	3.02	4,226
1981-82	3,390	1,500	3.37	5,058

1/ Source: Arizona Fruit and Vegetable Standardization Service.

2/ Equivalent packinghouse door returns. Marketing season November 1 through May 15.

3/ One carton = 37.5 pounds.

GRAPES: Acreage by areas and varieties, Arizona, 1978-83

Area and year	Variety					
	Perlette	Exotics	Thompson Seedless	Cardinals	Miscellaneous	Total
	Acres					
CENTRAL						
1978	394	156	1,421	218	15	2,204
1979	391	92	1,362	160	15	2,020
1980	444	97	1,318	100	15	1,974
1981	514	81	1,373	120	28	2,116
1982	646	71	1,431	145	139	2,432
1983 1/	750	76	1,571	67	223	2,687
WESTERN						
1978	220	28	718	112	8	1,086
1979	219	42	718	112	8	1,099
1980	248	42	718	112	8	1,128
1981	248	42	718	112	8	1,128
1982	227	22	673	98	37	1,057
1983 1/	227	22	673	98	67	1,087
ARIZONA						
1978	614	184	2,139	330	23	3,290
1979	610	134	2,080	272	23	3,119
1980	692	139	2,036	212	23	3,102
1981	762	123	2,091	232	36	3,244
1982	873	93	2,104	243	176	3,489
1983 1/	977	98	2,244	165	290	3,774

1/ Preliminary.
Source: Arizona Fruit and Vegetable Standardization Service.

GRAPES: Production, price and value, Arizona, 1978-82

Year	Production	Season average price 1/	Value
	Tons	Dol./Ton	1,000 Dol.
1978	14,300	943.00	13,485
1979	13,500	930.00	12,555
1980	12,400	1,170.00	14,508
1981	12,400	1,240.00	15,376
1982	14,000	988.00	13,832

1/ Average price for the June 5 to July 15 marketing season.

DECIDUOUS FRUITS AND NUTS: Acreage in production, Arizona, by area, 1978-1983

Crop and area	1978	1979	1980	1981	1982	1983 1/
	Acres					
FRUIT						
APPLES						
Central	80	118	81	81	99	18
Eastern	420	460	420	465	459	873
Total	500	578	501	546	558	891
APRICOTS						
Central	455	230	234	191	39	52
Eastern	10	8	8	58	--	--
Western	50	50	--	--	--	--
Total	515	288	242	249	39	52
NECTARINES						
Central	130	59	75	101	91	62
Western	10	40	--	--	--	--
Total	140	99	75	101	91	62
PEACHES						
Central	720	512	435	256	224	167
Eastern	530	110	455	285	405	334
Western	10	40	--	--	--	--
Total	1,260	662	890	541	629	501
PLUMS						
Central	920	564	625	489	403	390
Eastern	40	40	35	50	--	--
Western	60	80	--	--	--	--
Total	1,020	684	660	539	403	390
NUTS						
PECANS						
Central	8,125	8,545	9,485	9,927	9,927	10,665
Eastern	105	105	105	630	630	670
Western	555	538	538	948	1,058	1,253
Total	8,785	9,188	10,128	11,505	11,615	12,588
PISTACHIOS						
Central	--	20	210	219	219	411
Eastern	--	--	--	110	110	837
Western	--	--	--	--	--	10
Total	--	20	210	329	329	1,258

1/ Preliminary.

Source: Arizona Fruit and Vegetable Standardization Service.

MISCELLANEOUS FRUITS AND NUTS: Acres, production and value, Arizona, 1981-82

Crop	Year	Acres in production 1/	Unit	Production 1/	Value of production 2/
		Acres		1,000	1,000 Dol.
FRUIT					
APPLES 3/	1981	546	40 Lb. Carton	16	111
	1982	558	40 Lb. Carton	18	180
APRICOTS	1981	249	22 Lb. Lug	2	11
	1982	39	22 Lb. Lug	2	18
NECTARINES	1981	101	22 Lb. Lug	6	55
	1982	91	22 Lb. Lug	21	318
PEACHES	1981	541	22 Lb. Lug	70	704
	1982	629	22 Lb. Lug	93	1,109
PEARS	1981	14	22 Lb. Lug	4/	
	1982	17	22 Lb. Lug	4/	
PLUMS	1981	539	22 Lb. Lug	8	27
	1982	403	22 Lb. Lug	91	819
NUTS					
PECANS	1981	11,505	Tons	4/	
	1982	11,615	Tons	4/	
PISTACHIOS	1981	329		5/	
	1982	329	Lbs.	4/	

1/ Acreage and production figures from the Arizona Fruit and Vegetable Standardization Service annual reports. Not all acreage listed was harvested. 1981 production excluded intrastate sales.

2/ These statistics developed with the assistance of the Arizona Fruit and Vegetable Standardization Service, the Arizona Cooperative Extension Service, Market News Service and local growers.

3/ Apples harvested preceeding fall.

4/ Unavailable.

5/ No production in 1981.

CATTLE SUMMARY

The cattle industry is a major source of revenue for Arizona agriculture. The value of beef produced by cattle on feed, dairy, and range cattle operations totaled $304 million in 1982, compared with $342 million in 1981. The value of milk produced in 1982 by Arizona dairies totaled $169 million, compared with $160 million a year earlier.

Arizona ranked 35th in the United States in cattle inventory during 1982 with a total of 1 million head, the same as in 1981. Of this total, 385,000 head were cattle on feed, 512,000 head were range cattle and calves, and 103,000 head were milk cows and replacement heifers.

The cattle on feed inventory in Arizona ranked ninth nationally on January 1, 1983, dropping from eighth the previous year. Arizona is one of the seven states preparing monthly cattle on feed inventory estimates, which is a closely watched indicator of the total beef supply.

The dairy industry in Arizona has shown consistent growth over the past ten years. The total number of milk cows on January 1, 1983 was 82,000 head, up slightly from the 80,000 head on January 1, 1982. Arizona cows had the third highest rate of milk production per cow in the nation in 1982, totaling 14,693 pounds.

Range cattle in Arizona make up over 51 percent of the total cattle inventory. Many of these cattle are located on public lands administered by the Bureau of Land Management, Forest Service, or State Land Department. Cattle ranchers gain access to this land through permits granted by the controlling agencies.

The average annual price received for beef cattle decreased in 1982 to $60.10 per cwt. This compares with $61.80 per cwt. in 1981 and $65.10 per cwt. two years earlier.

ALL CATTLE AND MILK COWS: Number of operations and inventory, Arizona and United States, January 1, 1979-83 1/

Year	Arizona				United States			
	Cattle operations	Head	Milk cow operations	Head	Cattle operations	Head	Milk cow operations	Head
	Number	1,000	Number	1,000	Number	1,000	Number	1,000
1979	4,500	1,200	850	70	1,638,520	110,864	349,970	10,839
1980	4,600	1,050	800	72	1,622,530	111,192	335,770	10,779
1981	5,000	1,075	800	75	1,621,570	114,321	322,850	10,860
1982	5,200	1,000	770	80	1,611,120	115,604	311,800	11,012
1983	2/	1,000	2/	82	2/	115,201	2/	11,066

1/ An operation is any place having one or more head of the species on hand at any time during the year.

2/ Not available until July 21, 1983.

CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1979-83

Year	All cattle and calves	Cows		Heifers 500 lbs. & over			Steers 500 lbs. & over	Bulls 500 lbs. & over	Heifers steers & bulls under 500 lbs.	Value	
		Beef cows	Milk cows	Beef cow replacement	Milk cow replacement	Other heifers				Per head	Total
	1,000 Head									Dol.	1,000 Dol.
1979	1,200	297	70	60	15	17	504	25	222	385	462,000
1980	1,050	258	72	45	13	27	420	24	191	465	488,250
1981	1,075	285	75	49	17	32	361	26	230	460	494,500
1982	1,000	275	80	49	19	25	334	26	192	410	410,000
1983	1,000	278	82	37	21	17	306	29	230	400	400,000

CATTLE AND CALVES: Number on farms, Arizona, July 1, 1978-82

Year	All cattle and calves	Cows		Heifers 500 lbs. & over			Steers 500 lbs. & over	Bulls 500 lbs. & over	Heifers steers & bulls under 500 lbs.
		Beef cows	Milk cows	Beef cow replacement	Milk cow replacement	Other heifers			
	1,000 Head								
1978	1,200	318	69	54	15	19	391	26	308
1979	1,100	275	70	48	15	22	439	23	208
1980	1,100	299	76	54	16	18	340	27	270
1981	1,000	291	77	44	16	16	281	25	250
1982 1/									

1/ State estimates for July 1 cattle numbers discontinued. Totals available at U.S. level only.

CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1979-83

Year	Cattle on feed	Milk cows	Replace-ment heifers	Range cattle and calves 1/	Total	Year	Cattle on feed	Milk cows	Replace-ment heifers	Range cattle and calves 1/	Total
			1,000 Head						1,000 Head		
APACHE						COCHISE					
1979	*	*	*	53	53	1979	*	*	*	83	86
1980	*	*	*	50	50	1980	*	*	*	67	70
1981	*	*	*	55	55	1981	*	*	*	66	68
1982	*	*	*	60	60	1982	*	*	*	62	63
1983	*	*	*	55	55	1983	*	*	*	63	64
COCONINO						GILA					
1979	*	*	*	50	50	1979	*	*	*	35	35
1980	*	*	*	44	44	1980	*	*	*	33	33
1981	*	*	*	47	47	1981	*	*	*	36	36
1982	*	*	*	48	48	1982	*	*	*	35	35
1983	*	*	*	49	49	1983	*	*	*	25	25
GRAHAM						GREENLEE					
1979	*	*	*	37	42	1979	*	*	*	15	15
1980	*	*	*	35	40	1980	*	*	*	14	15
1981	*	*	*	40	45	1981	*	*	*	17	18
1982	*	*	*	28	32	1982	*	*	*	18	18
1983	*	*	*	28	34	1983	*	*	*	18	18
MARICOPA						MOHAVE					
1979	108	58	15	60	241	1979	*	*	*	45	45
1980	117	57	14	47	235	1980	*	*	*	40	40
1981	119	62	15	53	249	1981	*	*	*	45	45
1982	114	68	16	48	246	1982	*	*	*	38	39
1983	135	69	17	25	246	1983	*	*	*	40	41
NAVAJO						PIMA					
1979	*	*	*	48	48	1979	*	5	1	53	60
1980	*	*	*	42	42	1980	*	6	1	43	50
1981	*	*	*	47	47	1981	*	6	1	40	48
1982	*	*	*	44	45	1982	*	6	1	42	49
1983	*	*	*	45	46	1983	*	6	2	40	50
PINAL						SANTA CRUZ					
1979	258	2	*	30	290	1979	*	*	*	20	20
1980	183	2	*	30	215	1980	*	*	*	16	16
1981	177	2	*	30	209	1981	*	*	*	16	16
1982	113	2	*	48	163	1982	*	*	*	14	14
1983	133	2	1	29	165	1983	*	*	*	15	15

CATTLE AND CALVES: Number on farms, Arizona, by counties, January 1, 1979-83 (Cont'd)

Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total	Year	Cattle on feed	Milk cows	Replacement heifers	Range cattle and calves 1/	Total
			1,000 Head						1,000 Head		
PINAL						SANTA CRUZ					
1979	258	2	*	30	290	1979	*	*	*	20	20
1980	183	2	*	30	215	1980	*	*	*	16	16
1981	177	2	*	30	209	1981	*	*	*	16	16
1982	113	2	*	48	163	1982	*	*	*	14	14
1983	133	2	1	29	165	1983	*	*	*	15	15
YAVAPAI						YUMA					
1979	*	*	*	64	65	1979	117	*	*	32	150
1980	*	*	*	59	60	1980	114	*	*	25	140
1981	*	*	*	65	67	1981	99	*	*	25	125
1982	*	*	*	62	64	1982	99	*	*	24	124
1983	*	*	*	62	64	1983	110	*	*	17	128

1/ Range cattle and calves do not include cattle on feed or milk cows and replacement heifers in counties where these items are not published.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Livestock, if any, are included in the State totals.

CATTLE AND CALVES: Number on farms, Arizona, January 1, 1979-83

Year	Cattle on feed	Milk cows	Milk cow replacements	Range cattle and calves 1/	Total
			1,000 Head		
ARIZONA					
1979	490	68	17	625	1,200
1980	420	68	17	545	1,050
1981	401	74	18	582	1,075
1982	330	80	19	571	1,000
1983	385	82	21	512	1,000

1/ Range cattle and calves do not include cattle on feed or milk cows and replacement heifers in counties where these items are not published.

DAIRY: Milk cows, production of milk and milkfat and value, Arizona, 1978-82

Year	Milk cows 1/	Production per milk cow		Milkfat percent	Total production		Value	
		Milk	Milkfat		Milk	Milkfat	Fluid milk per 100 lbs.	Total milk produced 2/
	1,000 Head	Lbs.			Million Lbs.		Dollars	1,000 Dol.
1978	69	13,130	473	3.60	906	33	11.10	102,247
1979	72	13,069	469	3.59	941	34	12.50	120,260
1980	75	13,747	496	3.61	1,031	37	13.40	138,463
1981	77	14,714	530	3.60	1,133	41	14.10	160,093
1982 3/	81	14,963	546	3.65	1,212	44	13.90	168,710

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Includes sales of milk, cream and butter, value of milk used for home consumption and value of milk fed to calves.

3/ Preliminary.

GRAIN AND OTHER CONCENTRATES: Quantity fed to milk cows and value, Arizona, 1978-82 1/

Year	Quantity fed to milk cows			Value of feed fed per cwt.	Feed value per cwt. of milk produced
	Total	Per cow	Per cwt. of milk produced		
	1,000 Tons	Pounds	Pounds	Dollars	Dollars
1978	222	6,530	49	6.18	3.03
1979	268	7,450	57	6.94	3.96
1980	248	6,600	48	7.78	3.73
1981	261	6,770	46	8.40	3.86
1982	285	7,030	47	7.42	3.49

1/ Estimates for all places where milk produced, either for sale or for home use.

ALL CATTLE: Monthly and marketing year average prices received by producers, Arizona, 1978-82

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
						Dollars Per Cwt.							
						ALL BEEF CATTLE							
1978	42.20	44.00	48.00	51.00	53.60	55.20	53.60	51.20	52.30	52.20	48.40	54.10	50.80
1979	58.90	64.80	70.10	72.80	71.70	65.70	66.20	61.40	64.20	62.60	66.70	66.30	65.70
1980	62.60	67.60	67.70	65.30	65.60	66.50	67.20	68.10	64.20	63.60	62.40	60.80	65.10
1981	59.90	59.00	59.10	65.00	63.20	63.80	64.10	65.00	64.40	58.70	56.30	55.80	61.80
1982	59.30	60.00	62.70	64.90	65.80	61.80	62.10	61.50	57.00	54.90	55.70	52.10	60.10
						STEERS AND HEIFERS							
1978	42.60	44.40	48.40	51.80	54.70	56.70	54.20	51.90	53.30	53.50	50.10	55.80	51.80
1979	61.20	66.90	72.70	75.60	74.80	68.90	69.80	64.50	67.30	65.30	70.30	69.40	68.70
1980	66.50	70.40	68.40	65.90	66.40	67.10	70.00	71.50	69.20	68.70	68.50	68.90	68.30
1981	66.60	64.60	62.40	67.10	65.90	67.10	65.50	66.60	67.40	63.40	62.00	60.80	65.30
1982	61.80	62.70	65.20	67.50	69.40	66.30	64.80	64.30	60.50	58.90	59.70	58.20	63.60
						CALVES							
1978	45.30	45.00	52.50	55.90	60.90	62.30	59.00	61.50	64.70	67.20	66.60	72.20	61.60
1979	78.90	85.90	89.50	102.00	93.00	85.50	86.70	82.80	85.50	84.60	88.30	83.50	87.50
1980	82.50	84.50	81.90	73.30	70.10	72.70	72.00	72.50	75.50	74.20	71.20	69.20	74.60
1981	68.30	68.70	66.50	68.60	62.20	62.70	62.60	63.90	62.20	60.90	59.70	59.50	63.70
1982	59.40	62.50	64.70	65.40	63.80	61.40	59.20	62.40	61.50	59.90	59.20	61.10	61.70
						COWS							
1978	29.00	31.40	33.80	36.60	38.50	35.30	39.00	35.00	38.50	39.40	37.30	40.20	37.20
1979	45.50	52.80	55.20	56.90	54.00	47.60	45.60	44.00	46.50	47.50	46.10	48.60	48.90
1980	47.40	51.40	49.20	45.40	41.70	43.80	43.40	46.40	46.00	45.20	42.10	42.40	45.50
1981	43.20	43.60	43.90	43.40	40.40	42.50	42.30	42.70	41.10	38.80	35.30	35.00	41.20
1982	36.70	38.40	39.50	38.90	39.50	39.00	39.60	39.60	39.30	36.20	34.30	35.30	37.60

GRAZING FEES: 1980-83

Grazing fees on federal and state public grazing lands are determined by a formula established in the Rangelands Improvement Act of 1978. The formula considers rates for leasing private grazing lands, the difference between total costs of grazing on public and private lands, beef cattle prices and cost of producing livestock.

The formula is being used on a seven-year trial basis on federal lands. The State adopted the formula effective in 1982.

Grazing fee formula components are compiled by the USDA Crop Reporting Board and furnished to USDA Forest Service, USDI Bureau of Land Management and the Arizona State Land Department for calculating the fee each year. Individual agencies should be contacted regarding the administration of public lands.

PUBLIC LAND GRAZING FEE FORMULATION

Grazing fee components	Unit	Base year 1964-68	Grazing fee year			
			1980	1981	1982	1983
Private Grazing Rates on Private Land Per AUM 1/	Dols.	3.65	7.53	7.88	8.83	8.36
Forage Value Index (FVI) 2/		100	206	216	242	229
Average Price Received for Beef Cattle per Cwt. 3/	Dols.	22.04	64.90	64.20	59.10	57.70
Beef Cattle Price Index (BCPI) 4/		100	294	291	268	262
Prices Paid Index (PPI) 5/		100	275	319	359	378
Federal Grazing Fee 6/	Dols.	(1.23)	2.36	2.31	1.86	1.40
State Grazing Fee 6/	Dols.	(.95)	7/	7/	1.43	1.07

1/ Privately-owned non-irrigated land in eleven western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming. An animal unit month (AUM) is the grazing of one cow, one horse or five sheep for one month.

2/ Private grazing rates current year divided by base year times 100.

3/ Average for twelve months November-October prior to the fee year for eleven western states, see footnote 1/.

4/ Beef cattle price current year divided by base year times 100.

5/ Index of prices paid for beef cattle production inputs as percent of base year.

6/ Current grazing fee = base year fee (FVI + BCPI - PPI) + 100. The federal fee is limited to a 25 percent change annually. The 28 cent difference in the federal and state base fee is a credit for range improvements made on State lands and for taxes paid on those improvements by the lessees.

7/ State grazing fees were calculated on a different basis prior to 1982.

CATTLE ON FEED: Arizona, by counties, January - December, 1978-82

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						1,000 Head						
						1978						
Maricopa	121	104	88	75	71	89	90	93	97	99	120	112
Pinal	204	198	190	187	188	187	189	196	205	234	265	265
Yuma	90	86	84	83	83	88	89	92	94	102	108	123
Other	7	8	8	7	8	6	8	8	7	7	11	7
ARIZONA	422	396	370	352	350	370	376	389	403	442	504	507
						1979						
Maricopa	113	95	93	72	67	77	85	84	79	79	90	91
Pinal	247	232	219	208	203	205	194	166	153	165	180	185
Yuma	123	120	110	94	85	79	77	82	79	90	91	103
Other	7	6	6	6	6	9	7	5	5	6	6	6
ARIZONA	490	453	428	380	361	370	363	337	316	340	367	385
						1980						
Maricopa	115	110	100	83	73	83	92	93	94	97	110	114
Pinal	183	163	151	140	123	111	106	123	131	134	151	164
Yuma	115	110	103	95	88	87	81	76	78	81	95	99
Other	7	6	6	6	6	6	5	5	4	5	4	5
ARIZONA	420	389	360	324	290	287	284	297	307	317	360	382
						1981						
Maricopa	119	121	113	101	102	99	95	85	88	96	108	111
Pinal	177	177	171	151	137	127	108	95	88	98	106	111
Yuma	99	97	93	90	90	81	70	58	64	70	86	95
Other	6	5	5	4	4	4	3	3	3	3	3	3
ARIZONA	401	400	382	346	333	311	276	241	243	267	303	320
						1982						
Maricopa	114	110	112	103	97	99	98	98	98	97	108	108
Pinal	113	112	111	105	99	98	101	101	105	116	128	139
Yuma	99	100	96	96	89	85	78	72	81	94	111	123
Other	4	3	3	4	4	3	3	3	3	4	4	5
ARIZONA	330	325	322	308	289	285	280	274	287	311	351	375

CATTLE ON FEED: Number by classes and weight groups, Arizona, quarterly 1978-83

Date	Total	Steers and steer calves	Heifers and heifer calves	Cows and other	Under 500 lbs.	500-699 lbs.	700-899 lbs.	900-1,099 lbs.	1,100 lbs. and over
	1,000 Head					1,000 Head			
1978									
Jan. 1	422	397	22	3	113	114	127	63	2
Apr. 1	352	334	17	1	83	90	115	56	7
July 1	376	353	15	8	81	76	114	93	4
Oct. 1	442	428	13	1	192	90	85	61	13
1979									
Jan. 1	490	466	22	2	117	119	136	98	18
Apr. 1	380	369	10	1	85	85	120	85	4
July 1	363	347	15	1	55	106	83	12	6
Oct. 1	340	329	9	2	81	103	92	60	2
1980									
Jan. 1	420	410	9	1	118	114	110	75	2
Apr. 1	324	315	8	1	43	75	104	95	6
July 1	284	275	8	1	59	68	79	76	1
Oct. 1	317	310	6	1	76	80	98	61	1
1981									
Jan. 1	401	380	18	3	101	124	89	76	8
Apr. 1	346	335	10	1	45	79	116	100	5
July 1	276	266	9	1	48	66	69	90	2
Oct. 1	267	258	8	1	60	68	75	61	2
1982									
Jan. 1	330	314	15	1	44	68	100	95	7
Apr. 1	308	294	13	1	53	71	89	77	4
July 1	280	265	14	1	77	67	55	62	4
Oct. 1	311	302	8	1	78	82	73	51	18
1983									
Jan. 1	385	374	10	1	104	124	94	50	2

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, 1978-82

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
							1,000 Head						
1978	54	52	52	49	54	58	56	57	45	46	51	59	633
1979	56	50	72	53	72	70	73	61	40	37	38	46	668
1980	56	46	45	50	41	58	54	52	46	40	39	27	554
1981	30	32	52	46	59	63	60	55	37	31	26	28	519
1982	31	33	37	50	61	64	42	40	37	37	37	27	496

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1979-82 1/

Year	Maricopa	Pinal	Yuma	Other	Total
			1,000 Head		
1979	212	310	138	8	668
1980	184	235	127	8	554
1981	190	205	117	7	519
1982	193	174	122	7	496

1/ Series began in 1979.

CATTLE AND CALF OUTSHIPMENTS: Arizona, by counties, 1978-82

County of origin	1978	1979	1980	1981	1982
			Number of Head		
Apache	18,453	17,005	15,316	14,787	16,331
Cochise	57,212	49,404	34,032	38,220	36,904
Coconino	18,234	12,824	14,588	19,353	15,159
Gila	6,213	5,427	4,029	4,895	3,479
Graham	10,032	9,986	6,277	4,733	10,089
Greenlee	1,992	3,062	3,066	3,515	3,023
Maricopa	178,638	158,901	150,533	135,006	121,782
Mohave	28,098	31,712	15,575	14,335	18,674
Navajo	21,280	16,241	12,053	15,019	15,860
Pima	14,931	10,700	12,066	14,571	12,701
Pinal	248,431	268,456	158,113	130,830	83,116
Santa Cruz	6,513	8,147	7,869	7,827	8,155
Yavapai	40,528	33,560	38,533	10,566	19,169
Yuma	135,297	143,373	98,619	55,547	94,585
ARIZONA	785,852	768,798	570,669	469,204	459,027

Source: Arizona Livestock Board inspection records.

CATTLE AND CALF OUTSHIPMENTS: By class, Arizona, 1978-82

Class	1978	1979	1980	1981	1982
			Number of Head		
Steers	595,274	582,867	398,047	295,609	299,863
Bulls	5,897	5,989	7,096	6,238	6,083
Heifers	56,823	54,174	39,724	40,892	49,333
Cows	39,015	39,124	38,319	45,691	40,788
Calves	88,843	86,644	87,483	80,774	62,960
TOTAL	785,852	768,798	570,669	469,204	459,027

Source: Arizona Livestock Board inspection records.

PUBLIC RANGELANDS INFORMATION - 1980 FEE YEAR

The public rangeland data presented below and on pages 79 and 80 are taken from a special study made by the College of Agriculture, University of Arizona. This report is titled Arizona Cattle Ranches on Public Land by Horace M. Mayes and Thomas F. Archer, issued November 1982. Excerpts of the report are included here because of the importance of public lands to the State's livestock industry, the uniqueness of the study and the relationship of these data to the other statistics contained in this bulletin.

--Approximately 62.4 million acres, or 86%, of Arizona's surface area is rangeland, including 20.0 million acres in Indian Reservations.

--Individuals and corporations own 11.2 million acres of Arizona's surface area, of which an estimated 8.6 million acres is rangeland.

--Public agencies have jurisdiction over 61.7 million acres, or 85%, of the area within Arizona's boundaries including title to 20.0 million acres held in trust by the United States for either individual Indians or Indian tribes.

--Public agencies - Bureau of Land Management (BLM), U.S. Forest Service and Arizona State Land Department hold title to 28.6 million acres of public rangeland that is leased for grazing livestock.

--Records of public rangeland leases and allotments account for approximately 85% of the State's grazing land, excluding land in Indian reservations which, for all practical purposes, is limited to exclusive use of Indian livestock growers.

--There are 1,755 ranch operations which occupy rangeland that is partially or entirely public land.

--The most prevalent combination of public lands used by Arizona ranches is State and BLM; that combination accounts for 43% of the rangeland and 23% of the operations.

--One-third of Arizona ranchers limit their operation to State leased land supplemented with private holdings. Nineteen percent graze U.S. Forest Service lands only and 14% operate BLM allotments only.

--Ninety percent of the rangeland is operated by 40% of the ranchers and 90% of the cattle are owned by 42% of the ranchers.

DISTRIBUTION OF THE TOTAL ACRES IN RANCHES: Arizona, by county and ownership 1/

County	State	BLM	Forest Service	Privately owned 2/	Total
			1,000 Acres		
Apache	701	138	351	443	1,633
Cochise	1,309	408	282	95	2,094
Coconino	1,114	484	2,255	183	4,036
Gila	34	43	1,155	45	1,277
Graham	477	558	159	51	1,245
Greenlee	161	334	460	78	1,033
Maricopa	510	2,350	393	21	3,274
Mohave	603	4,994	3	842	6,442
Navajo	341	84	381	533	1,339
Pima	774	216	189	149	1,328
Pinal	1,158	444	190	113	1,905
Santa Cruz	98	13	314	41	466
Yavapai	1,346	489	1,040	203	3,078
Yuma	159	2,034			2,193
Total	8,785	12,589	7,172	2,796	31,342

1/ Acreage differences here and on page 101 are attributed primarily to reference time and inter-agency land transfers.

2/ Private land included in BLM and Forest Service allotments.

DISTRIBUTION OF RANCHES AND TOTAL ACRES OF PUBLIC RANGELAND: Arizona, by ownership combinations 1/

Land ownership combination	Number of ranches	State acres	BLM acres	Forest Service acres	Total acres
State	596	3,678,499	0	0	3,678,499
State-BLM	400	3,466,369	8,866,428	0	12,332,797
State-Forest	111	977,092	0	1,442,584	2,419,676
BLM	248	0	3,272,543	0	3,272,543
BLM-Forest	11	0	27,313	136,824	164,137
Forest Service	327	0	0	4,920,184	4,920,184
S-BLM-FS	62	661,653	422,704	674,080	1,758,437
Total	1,755	8,783,613	12,588,988	7,173,672	28,546,273

1/ Acreage differences here and on page 101 are attributed primarily to reference time and inter-agency land transfers.

DISTRIBUTION OF RANCES AND TOTAL ACRES IN RANCHES: Arizona, by size of ranch 1/

Size of ranch in acres	Number of ranches	State acres	BLM acres	Forest Service acres	Privately owned acres	Total acres
1,000 or fewer	355	114,920	31,988	11,855	3,873	162,636
1,001 -- 4,999	424	586,116	219,501	234,711	79,889	1,120,217
5,000 -- 9,999	283	768,426	444,493	637,358	167,502	2,017,779
10,000 -- 19,999	253	1,292,783	920,257	1,210,413	252,281	3,675,734
20,000 -- 29,999	163	1,308,092	1,270,402	1,083,334	296,464	3,958,292
30,000 -- 39,999	84	906,257	624,122	1,170,098	230,976	2,931,453
40,000 -- 49,999	49	747,447	672,637	507,073	239,917	2,167,074
50,000 -- 99,999	100	1,712,025	2,955,719	1,426,974	564,836	6,659,554
100,000 -- 199,999	32	822,942	2,090,633	642,750	691,283	4,247,608
200,000 or more	12	524,605	3,359,236	249,106	268,625	4,401,572
Total	1,755	8,783,613	12,588,988	7,173,672	2,795,646	31,341,919

1/ Acreage differences here and on page 101 are attributed primarily to reference time and inter-agency land transfers.

DISTRIBUTION OF RANCHES AND TOTAL CATTLE: Arizona, by number of cattle per ranch

Number of cattle per ranch	Number of ranches	State cattle	BLM cattle	Forest Service cattle	Privately owned cattle	Total cattle
25 or fewer	578	3,317	848	500	271	4,936
26 -- 49	184	3,630	1,623	1,156	346	6,755
50 -- 99	257	7,783	4,629	4,164	1,552	18,128
100 -- 199	239	11,732	8,636	11,358	2,046	33,772
200 -- 299	162	12,263	8,350	15,193	3,730	39,536
300 -- 399	100	13,041	4,587	14,724	2,334	34,686
400 -- 499	71	9,787	5,481	13,744	2,552	31,564
500 -- 999	118	22,173	11,798	38,557	7,843	80,371
1,000 -- 1,999	39	14,250	9,451	20,575	7,046	51,322
2,000 -- more	7	9,349	669	7,349	2,639	20,006
Total	1,755	107,325	56,072	127,320	30,359	321,076

DISTRIBUTION OF TOTAL RANCH OPERATIONS AND CATTLE: Arizona, by county and size of ranch

County	Fewer than 100 cattle		100-299 Cattle		300-499 Cattle		More than 500 cattle		Total	
	Ranches	Cattle	Ranches	Cattle	Ranches	Cattle	Ranches	Cattle	Ranches	Cattle
Apache	92	3,395	18	3,759	8	3,245	18	15,290	136	25,689
Cochise	201	5,617	52	8,906	25	9,759	9	7,967	287	32,249
Coconino	58	1,692	38	6,496	12	4,816	33	36,401	142	49,405
Gila	30	1,399	18	3,842	19	7,632	13	9,992	80	22,865
Graham	95	2,291	17	2,655	10	3,918	6	4,768	128	13,632
Greenlee	28	1,083	21	4,385	6	2,349	7	5,394	62	13,211
Maricopa	74	1,871	17	3,352	4	1,588	10	10,240	105	17,051
Mohave	130	3,085	50	8,826	15	5,981	19	18,281	214	36,173
Navajo	58	1,815	19	3,589	8	3,264	5	5,551	90	14,219
Pima	56	1,673	29	4,668	12	4,394	7	8,129	104	18,864
Pinal	54	1,843	26	5,389	13	4,772	9	7,548	102	19,552
Santa Cruz	22	602	25	4,380	8	2,797	6	4,026	61	11,805
Yavapai	80	2,642	62	11,673	30	11,294	21	16,294	193	41,903
Yuma	41	811	9	1,388	1	441	1	1,818	52	4,458
Total	1,019	29,819	401	73,308	171	66,250	164	151,699	1,755	321,076
Percentage of Total	58.1	9.3	22.8	22.8	9.7	20.6	9.3	47.2	100.0	100.0

DISTRIBUTION OF TOTAL RANCH OPERATIONS AND ACRES: Arizona, by county and size

County	Fewer than 10,000 acres		10,000-19,999 Acres		20.000-29,999 Acres		30,000-39,999 Acres	
	Ranches	Acres	Ranches	Acres	Ranches	Acres	Ranches	Acres
Apache	98	274,752	12	175,373	10	345,663	5	173,651
Cochise	226	650,341	33	456,488	19	435,666	3	103,334
Coconino	59	181,042	23	333,596	17	413,822	11	379,060
Gila	37	166,524	17	272,362	11	263,055	11	375,202
Graham	98	260,252	11	174,251	9	234,180	*	*
Greenlee	33	145,027	10	147,355	11	276,221	3	104,485
Maricopa	51	139,838	18	264,954	10	251,055	9	303,436
Mohave	110	309,014	28	383,320	20	491,079	10	354,232
Navajo	59	192,470	11	150,903	6	153,231	5	178,627
Pima	71	234,383	14	208,646	7	163,835	6	217,397
Pinal	52	199,968	16	332,190	13	316,684	6	217,124
Santa Cruz	44	160,768	13	182,317	2	44,417	*	*
Yavapai	93	297,837	43	634,475	26	623,765	12	409,571
Yuma	31	88,516	4	59,504	2	45,619	*	*
Total	1,062	3,300,632	253	3,675,734	163	3,958,292	84	2,931,453
Percent	60.5	10.5	14.4	11.7	9.3	12.6	4.8	9.4

County	40,000-49,999 Acres		50,000-99,999 Acres		Above 100,000 Acres		Total	
	Ranches	Acres	Ranches	Acres	Ranches	Acres	Ranches	Acres
Apache	5	220,118	4	261,097	2	382,632	136	1,633,276
Cochise	3	134,751	2	176,349	*	*	287	2,094,190
Coconino	8	366,933	15	1,008,654	8	1,352,731	141	4,035,898
Gila	*	*	3	154,525	0	--	80	1,277,026
Graham	2	90,783	7	445,611	0	--	128	1,245,039
Greenlee	2	92,674	2	124,266	*	*	62	1,032,740
Maricopa	2	87,107	9	634,895	6	1,592,480	105	3,273,765
Mohave	7	308,719	26	1,750,218	13	2,850,074	214	6,441,656
Navajo	3	131,623	4	212,909	2	320,132	90	1,339,076
Pima	0	--	4	272,393	2	231,312	104	1,327,966
Pinal	4	163,947	10	668,236	*	*	102	1,904,767
Santa Cruz	*	*	0		0	--	61	465,584
Yavapai	9	393,103	8	502,272	2	211,615	193	3,077,638
Yuma	2	89,380	6	448,948	6	1,421,523	52	2,193,298
Total	49	2,167,074	100	6,659,554	44	8,649,180	1,755	31,341,919
Percent	2.8	6.9	5.7	21.3	2.5	27.6	100.0	100.0

* Included in totals to avoid disclosing individual operations.

SHEEP SUMMARY

The total inventory of all sheep and lambs on farms on January 1, 1983 totaled 343,000 head, down 9 percent from the 377,000 head on January 1, 1982. Stock sheep and lambs accounted for the majority of inventory at 293,000 head, 8 percent below January 1, 1982. Sheep on feed totaled 50,000 head, down 12 percent from the 57,000 head on feed on January 1, 1982.

SHEEP: Number of operations and inventory, Arizona and United States, January 1, 1979-83 1/

Year	Arizona		United States	
	Sheep operations	Inventory	Sheep operations	Inventory
	Number	1,000 Head	Number	1,000 Head
1979	390	465	116,070	12,220.3
1980	450	385	119,910	12,686.6
1981	500	372	125,560	12,935.7
1982	400	377	128,790	12,966.2
1983	2/	343	2/	11,904.2

1/ An operation is any place having one or more sheep on hand during the year.

2/ Not available until December 22, 1983.

SHEEP AND LAMBS: Arizona, by counties, January 1, 1979-83

Year	Stock sheep and lambs 1/	Sheep on feed 2/	All sheep and lambs	New crop lambs	Year	Stock sheep and lambs 1/	Sheep on feed 2/	All sheep and lambs	New crop lambs
		1,000 Head					1,000 Head		
APACHE					COCONINO				
1979	116		116	5	1979	60		60	4
1980	105		105	5	1980	58		58	4
1981	105		105	5	1981	60		60	4
1982	105		105	5	1982	58		58	4
1983	88		88	5	1983	49		49	4
MARICOPA					NAVAJO				
1979	70	51	121	32	1979	52		52	3
1980	72	36	108	30	1980	50		50	3
1981	68	27	95	35	1981	52		52	3
1982	64	31	95	32	1982	50		50	3
1983	68	12	80	32	1983	44		44	3
PINAL					YUMA				
1979	19	21	40	7	1979	23	13	36	5
1980	19	15	34	7	1980	21	9	30	5
1981	19	13	32	8	1981	21	7	28	5
1982	19	10	29	8	1982	20	16	36	8
1983	21	16	37	9	1983	20	22	42	7
OTHER 3/									
1979									
1980									
1981									
1982	4		4						
1983	3		3						

1/ Excludes new crop lambs (those born after September 30 the previous year and on hand January 1).

2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes stock sheep and lambs and new crop lambs.

3/ Prior to 1982 numbers were too small to warrant quantitative estimates.

SHEEP: By classes, farm value and lamb crop, Arizona, January 1, 1979-83

Year	Stock sheep & lambs 1/		Sheep on feed 2/	All sheep and lambs	Farm value		Lamb crop	
	Ewes	Rams and wethers			Per head	Total	Breeding ewes Jan. 1	Lambs saved
	1,000 Head				Dollars	1,000 Dol.	1,000 Head	
1979	313	27	85	425	57.50	24,447	270	215
1980	295	30	60	385	68.50	26,373	246	200
1981	296	29	47	372	54.50	20,274	240	210
1982	289	31	57	377	68.00	25,636	235	180
1983	252	41	50	343	64.50	22,124	201	3/

1/ Ewes, rams and wethers of all ages excluding new crop lambs.

2/ Excludes stock sheep and lambs and new crop lambs.

3/ Not available until lambing is complete.

WOOL PRODUCTION AND VALUE: Arizona, 1978-82

Year	All sheep shorn 1/	Weight per fleece	Shorn wool production	Average price per pound	Value of pı duction
	1,000 Head	Lbs.	1,000 Lbs.	Cents	1,000 Dol.
1978	354	7.3	2,593	60	1,556
1979	350	7.2	2,511	69	1,733
1980	326	7.1	2,329	77	1,793
1981	325	7.4	2,417	78	1,885
1982	320	7.4	2,368	56	1,326

1/ Includes **fed sheep shorn.**

SHEEP, LAMBS, WOOL: Monthly and annual average prices received by producers, Arizona 1978-82

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
							SHEEP						
							Dollars Per Cwt.						
1978	15.00	14.50	16.00	16.00	16.00	13.00	16.00	16.00	20.00	20.00	20.00	1/	16.50
1979	21.00	23.00	26.00	26.00	23.00	18.00	18.00	19.00	20.00	20.00	18.00	19.00	20.50
1980	21.00	25.00	24.00	19.00	18.00	20.00	15.00	19.00	16.00	17.00	16.00	16.00	18.80
1981	19.00	20.00	20.00	19.00	20.00	19.00	20.00	19.00	15.50	16.50	18.00	18.00	18.70
1982	19.50	21.50	23.00	21.50	19.30	20.00	21.00	21.00	18.00	16.00	15.00	14.00	19.20
							LAMBS						
							Dollars Per Cwt.						
1978	51.60	58.00	68.00	62.00	71.00	63.00	58.00	62.00	62.50	60.50	59.50	1/	62.30
1979	67.00	70.00	66.00	70.00	70.00	66.00	63.00	59.00	62.00	62.00	68.00	68.30	65.90
1980	68.50	65.50	68.00	58.00	55.00	66.00	66.50	68.00	68.00	64.00	63.50	63.50	64.50
1981	57.00	57.00	58.00	56.00	60.00	65.00	58.00	53.00	48.50	47.50	47.00	48.00	54.60
1982	48.50	52.00	58.00	60.00	63.00	60.00	58.00	54.00	53.00	50.00	48.50	52.00	56.00
							WOOL						
							Dollars Per Cwt.						
1978	--	66.00	68.00	57.00	50.00	47.00	62.00	--	67.00	65.00	78.00	74.00	60.00
1979	74.00	75.00	79.00	63.00	62.00	63.00	59.00	61.00	68.00	-	87.00	83.00	69.00
1980	1/	92.00	87.00	73.00	63.00	64.00	71.00	78.00	77.00	80.00	87.00	102.00	77.00
1981	95.00	90.00	62.00	67.00	73.00	78.00	73.00	60.00	56.00	56.00	85.00	96.00	78.00
1982	93.00	92.00	94.00	39.00	40.00	39.00	36.00	32.00	34.00	90.00	41.00	45.00	56.00

1/ Insufficient sales.

HOG & PIG SUMMARY

The Arizona pork industry is among the most modern in the nation, with producers concentrating on quality and efficiency to assure a high quality product to the consumer. Farrow to finish operations are the most prominent in the State. Most pigs are raised under confinement in climatically controlled facilities to reduce stress and death loss during the adverse summer temperatures.

The inventory of all hogs and pigs in 1982 has leveled off at 170,000 head, the same as in 1981. Hogs kept for breeding accounted for 21,000 head and market hogs and pigs totaled 149,000 head, both equal to year earlier totals.

Arizona pork producers had been increasing the size of their operations very rapidly from 1977-1980, when inventories reached 180,000 head. The uncertainty over the lack of a slaughter plant to market their product and low prices were the main reasons for the slowdown in growth during the last two years. The opening of a slaughter plant operated by the Arizona Pork Producers Association in 1982 was much needed and filled the gap left when the Cudahy plant was closed in August 1981.

The Arizona pig crop for 1982 totaled 283,000 head, only slightly lower than the 285,000 head of 1981. The spring crop (December 1981 - May 1982) totaled 139,000 head, down 6 percent from the previous year. A total of 18,000 sows farrowed during the period with an average litter rate of 7.7 pigs. The fall pig crop (June - November 1982) was 144,000 head, up 5 percent from last year. A total of 18,000 sows farrowed with an average of 8.0 pigs per litter.

The average price received for hogs and pigs by Arizona producers increased in 1982 to $57.10 up from $46.50 in 1981. The value of all hogs and pigs as of December 1, 1982 was $17,425,000, up 38 percent from December 1, 1981. The average value per animal also rose substantially to $102.50, compared with $74.50 in 1981.

HOGS: Number of operations and inventory numbers, Arizona and United States, December 1, 1978-82 1/

Year	Arizona		United States	
	Hog operations	Inventory	Hog operations	Inventory
	Number	1,000	Number	1,000
1978	480	144	632,360	60,100
1979	480	149	653,600	67,353
1980	630	180	670,350	64,512
1981	660	170	560,060	58,688
1982	660	170	483,690	53,230

1/ An operation is any place having one or more hogs and pigs on hand during the year. Above figures represent December 1 totals.

HOGS AND PIGS: Number on farms, Arizona, by counties, December 1, 1978-82

Year	Hogs & pigs	Year	Hogs & pigs	Year	Hogs & pigs
	1,000 Head		1,000 Head		1,000 Head
COCHISE		GRAHAM		MARICOPA	
1978	15.0	1978	24.0	1978	13.0
1979	19.0	1979	23.0	1979	12.0
1980	20.0	1980	31.0	1980	12.0
1981	18.0	1981	30.0	1981	10.0
1982	20.0	1982	29.0	1982	10.0
NAVAJO		PIMA		PINAL	
1978	44.0	1978	11.0	1978	18.0
1979	56.0	1979	11.5	1979	9.5
1980	70.0	1980	*	1980	11.0
1981	66.0	1981	*	1981	13.0
1982	64.0	1982	*	1982	20.0
YUMA		OTHER COUNTIES 1/			
1978	16.0	1978	3.0		
1979	16.0	1979	2.0		
1980	21.0	1980	15.0		
1981	16.0	1981	17.0		
1982	15.0	1982	12.0		

1/ Includes estimates for counties not listed.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Hogs, if any, are included in "Other Counties".

HOGS: Inventory by classes, weight groups and farm value, Arizona, December 1, 1978-82

Year	Breeding	Market	Market hogs and pigs by weight group: Under 60 lbs.	60-119 lbs.	120-179 lbs.	180 lbs. and over	All hogs	Value: Per head	Total
			1,000 Head					Dol.	1,000 Dol.
1978	18	126	39	34	28	25	144	71.50	10,296
1979	19	130	52	27	26	25	149	59.50	8,866
1980	23	157	52	36	35	34	180	66.00	11,880
1981	21	149	57	33	33	26	170	74.50	12,665
1982	21	149	58	34	29	28	170	102.50	17,425

PIG CROP: Sows farrowed, pigs per litter, pigs saved, Arizona, 1978-82

Year	Total pig crop: Sows farrowed	Pigs saved	December through May: Sows farrowed	Pigs per litter	Pigs saved	June through November: Sows farrowed	Pigs per litter	Pigs saved
	1,000	1,000	1,000		1,000	1,000		1,000
1978	28.0	216	12.0	8.0	96	16.0	7.5	120
1979	31.0	242	16.0	7.8	125	15.0	7.8	117
1980	39.0	281	19.0	7.2	137	20.0	7.2	144
1981	37.0	285	19.0	7.8	148	18.0	7.6	137
1982	36.0	283	18.0	7.7	139	18.0	8.0	144

MEAT PRODUCTION SUMMARY

Slaughter volume decreased substantially toward the end of 1981 when two of the larger slaughter plants closed. However, Arizona Pork Producers and Southwest Beef subsequently reopened during 1982 but slaughter volume did not approach the levels of 1981 or 1980. Total commercial slaughter in Arizona for 1982 totaled 222 million pounds dressed weight, 18 percent below 1981 and 17 percent below the 1980 total.

RED MEAT PRODUCTION: Arizona, January - December, 1978-1982 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						1,000 Pounds							
1978	16,833	15,089	16,431	15,709	16,977	16,114	14,671	15,684	15,848	17,699	17,959	15,593	194,613
1979	18,626	15,636	15,891	15,170	16,813	16,621	16,499	18,044	14,585	17,767	17,025	16,597	199,780
1980	19,747	18,043	16,214	17,372	17,297	20,243	27,538	25,445	27,917	29,872	22,720	25,411	267,819
1981	25,260	22,582	27,588	26,405	27,855	29,838	29,588	25,347	21,154	18,421	9,197	9,111	272,347
1982 2/			35,726			66,906			57,334			62,284	222,250

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.

2/ Monthly estimates discontinued for 1982.

COMMERCIAL CATTLE SLAUGHTER: Number, average and total liveweight, Arizona, 1978-82

Year	Cattle			Calves			Total		
	Number	Average weight per head	Total liveweight	Number	Average weight per head	Total liveweight	Number	Average weight per head	Total liveweight
		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.
1978	279,500	1,004	280,576	6,400	150	969	285,900	985	281,545
1979	264,700	1,032	273,151	2,500	183	458	267,200	1,024	273,609
1980	357,600	1,026	366,757	1,900	178	345	359,500	1,021	367,102
1981	384,800	1,037	399,042	3,500	93	328	388,300	1,029	399,370
1982	324,500	1,028	333,553	3,600	151	548	328,100	1,018	334,101

COMMERCIAL HOG SLAUGHTER: Number, average and total liveweight, Arizona, 1978-82

Year	Number	Average weight per head	Total liveweight
		Lbs.	1,000 Lbs.
1978	182,500	229	41,778
1979	225,900	225	50,929
1980	264,100	224	59,141
1981	159,500	223	35,577
1982	133,000	229	30,510

COMMERCIAL SHEEP SLAUGHTER: Number, average and total liveweight, Arizona, 1978-82

Year	Number	Average weight per head	Total liveweight
		Lbs.	1,000 Lbs.
1978	1,300	103	134
1979	1,700	97	161
1980	2,000	101	199
1981	2,200	107	233
1982	2,200	109	242

POULTRY SUMMARY

Egg production in Arizona has steadily declined over the past 15 years. By 1981, egg production had fallen to 98 million eggs, compared with the peak production of 244 million eggs in 1968.

In 1982, eggs produced in Arizona totaled 114 million, a gain of 16 percent over 1981. The average number of layers during the year also rose to 459,000, 15 percent above a year earlier. The average number of eggs produced per layer was 248, a modest gain from the 245 average in 1981.

The total inventory of chickens on farms, excluding commercial broilers, continued to decline to 500,000 on December 1,1982. This represents a 6 percent decline from the 530,000 chickens a year earlier. Hens and pullets of laying age accounted for 470,000 birds, down from 480,000 on December 1,1982.

CHICKENS ON FARMS: Inventory by classes, Arizona, December 1, 1978-82 1/

Year	All chickens	Hens & pullets of laying age			Pullets 3 months + & not of laying age	Pullets under three months	Other chickens	Value per head	Total value
		Hens 1+	Pullets	Total					
				1,000				Dollars	1,000 Dol.
1978	650	366	216	582	57	6	5	1.55	884
1979	580	308	180	488	67	16	9	1.50	704
1980	550	285	175	460	65	15	10	1.50	825
1981	530	245	235	480	35	7	8	2.15	1,140
1982	500	340	130	470	15	5	10	1.50	750

1/ Does not include commercial broilers.

EGG PRODUCTION: Arizona, 1978-82

Year	Average number layers on hand during year	Eggs per layer per year	Total eggs produced
	1,000	Number	Million
1978	573	236	135
1979	557	250	139
1980	449	256	115
1981	400	245	98
1982	459	248	114

HONEY & BEESWAX SUMMARY

HONEY AND BEESWAX: Number of colonies, yield, production and value, Arizona, 1978-82

Year	Colonies of bees 1/	Honey yield per colony	Honey		Beeswax	
			Production	Value	Production	Value
	1,000 Colonies	Lbs.	1,000 Lbs.	1,000 Dol.	1,000 Lbs.	1,000 Dol.
1978	60	45	2,700	1,204	46	72
1979	65	58	3,770	1,874	38	65
1980	67	67	3,819	2,074	76	131
1981	64	53	3,392	1,900	58	109
1982 2/						

1/ Number of colonies on hand at the beginning of the main honey flow.

2/ Estimates discontinued for 1982.

WEATHER SUMMARY

Weather conditions during 1982 deviated somewhat from historic trends. The most noticeable difference was the excessive rainfall throughout the year leaving year end totals at all of the major weather stations from one-half to as much as twelve inches above their average. Although the rains were beneficial to range conditions and some crop activities, they did cause interruptions to field activities and some year end crop damage. The rains began during the first quarter of the year with above average rainfall prevalent in January, February and March. Precipitation was mostly limited to snow in the northern half of Arizona during January with rain falling elsewhere in the State. However, snow also fell in southeastern and south central areas during January reaching as low as the 3,000 foot level. Western Arizona was the only area that did not receive much rainfall during January. The snow and rain continued into February and March. Snowfall continued to be mostly confined to northern Arizona while rains dominated the southern half. Due to the abundance of moisture, some water releases were required into the Salt River during March to relieve northern reservoirs. Temperatures during the quarter were slightly warmer than normal although they cooled down as the various fronts moved through the State.

The April-June quarter weather pattern fluctuated a great deal. This variability started in April where little measurable precipitation occurred in central Arizona while most other areas reported normal rainfall amounts. Temperatures were warmer than normal. In May the rains resumed with above normal precipitation amounts. Temperatures were mostly cooler than normal with the exception of south central and southwestern areas. June was again a relatively dry month yet it was the coolest since 1976. The only measurable precipitation occurred at the end of June and was confined to higher elevations in the White Mountains. Most of the main weather reporting stations in the State were one-half inch to six inches above normal in precipitation by mid-year.

The typical monsoon season hit during the third quarter of 1982. Hot, dry weather was intermingled with rain, thundershowers, strong winds and blowing dust. As the rains occurred, an increase in humidity was also evident. The beginning of the monsoon season occurred around mid-July. Temperatures for the month were hotter than normal with rainfall amounts mostly below average. The monsoon season reached a climax in August with hot, humid weather accentuated by afternoon and evening rain showers, thunderstorms or blowing dust. It was the fourth hottest August on record and the wettest since 1966. Some flash flooding occurred in western Arizona. Summer's monsoons gave way to winter circulation patterns at the middle and end of September. Temperatures were mostly warmer than normal although they cooled off as the fronts brought cloudiness and rain. Precipitation was mostly normal statewide.

The fourth quarter, primarily November and December, was the beginning of an unusually abnormal weather trend: Cooler temperatures were prevalent during the first and end of October as two cool fronts moved through the State. Clear skies and average temperatures were experienced during mid-October. Limited precipitation fell during the month in northern high elevation areas. It was the driest October since 1973. However, November and December more than compensated for the short October dry spell. Cloudy skies dominated the State during the two months with storms spreading across the State for seven consecutive weeks beginning the second week of November. This particular time period was the most harmful to farmers in the State. Cotton harvest and small grain planting were regularly interrupted by the wet conditions. Temperatures dropped 10-15 degrees Fahrenheit as the various fronts moved through the State and then they would climb back up towards normal. November ended up being the wettest since 1952 and December the wettest since 1978. The rains were often accompanied by some very strong winds. On November 30 some 60 mile per hour gusts were reported in the Phoenix area.

FREEZE DATES: Last 32° temperature in spring and first in fall, Arizona, 1978-82

Year	Last in spring	First in fall	Last in spring	First in fall	Last in spring	First in fall
	CASA GRANDE		DOUGLAS		FLAGSTAFF	
1978	Mar. 17	Dec. 3	Apr. 18	Nov. 17	June 6	Sept. 19
1979	Apr. 11	Nov. 12	Apr. 11	Oct. 31	June 20	Sept. 21
1980	Feb. 15	Nov. 25	Apr. 14	Oct. 17	June 15	Sept. 22
1981	Feb. 8	Nov. 20	Apr. 4	Nov. 2	May 21	Oct. 14
1982	M	Oct. 29	Mar. 29	Nov. 4	June 9	Sept. 28
	GILA BEND		GRAND CANYON		KINGMAN	
1978	Jan. 25	Dec. 7	May 26	Sept. 19	May 6	Nov. 12
1979	Feb. 6	Nov. 21	June 19	Oct. 10	May 9	Nov. 20
1980	1/	1/	June 7	Oct. 15	Apr. 3	Nov. 17
1981	Feb. 1	Dec. 23	May 22	Oct. 9	Mar. 21	Nov. 26
1982	Feb. 3	1/	June 8	Sept. 28	Apr. 7	Nov. 11
	MCNARY		PARKER		PAYSON	
1978	June 6	Oct. 11	1/	Dec. 7	May 8	Oct. 27
1979	June 19	Oct. 12	Jan. 30	Dec. 13	May 11	Oct. 22
1980	June 2	Oct. 15	1/	1/	May 25	Oct. 16
1981	May 22	Oct. 5	Feb. 5	Dec. 24	May 21	Oct. 16
1982	June 9	Oct. 2	Jan. 23	Dec. 27	May 13	Oct. 1
	PHOENIX		PRESCOTT		SAFFORD	
1978	1/	Dec. 7	May 26	Sept. 19	Apr. 9	Nov. 16
1979	Jan. 31	Nov. 21	May 11	Oct. 22	Apr. 11	Oct. 31
1980	1/	1/	May 29	Oct. 16	Apr. 14	Oct. 17
1981	1/	1/	May 21	Oct. 13	Mar. 28	Oct. 31
1982	1/	1/	May 11	Oct. 1	Mar. 24	Nov. 6
	TUCSON		WILLCOX		WINDOW ROCK	
1978	Feb. 20	Dec. 3	Apr. 18	Nov. 16	May 19	Sept. 20
1979	Feb. 7	Nov. 20	May 10	Oct. 31	June 17	Sept. 28
1980	1/	Nov. 27	Apr. 15	Oct. 17	May 31	Oct. 9
1981	Feb. 2	Dec. 23	Apr. 4	Oct. 17	May 18	M
1982	Mar. 6	Dec. 3	Apr. 8	Oct. 11	June 1	Sept. 29
	WINSLOW		YUMA			
1978	May 6	Sept. 20	1/	Dec. 7		
1979	May 13	Oct. 22	1/	1/		
1980	May 25	Oct. 16	1/	1/		
1981	May 17	Oct. 23	1/	1/		
1982	Apr. 21	Oct. 9	1/	1/		

1/ No low temperature of 32° or less.

M - Missing.

Source: National Oceanic and Atmospheric Administration.

MEAN MONTHLY TEMPERATURE, °F: Arizona, 1982 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Casa Grande	M	M	M	67.8	74.5	81.9	89.2	89.5	82.3	66.6	57.8	49.5	73.2
	50.6	54.9	59.7	67.7	76.2	84.8	91.1	88.9	83.6	72.1	59.5	51.8	70.1
Douglas	48.1	50.6	54.6	M	66.7	76.2	78.8	78.6	74.8	62.8	52.6	43.7	62.5
	45.7	49.0	53.7	61.6	68.9	77.9	81.0	79.1	74.9	65.2	53.6	46.8	63.1
Flagstaff	28.0	30.0	35.3	43.5	49.9	57.1	63.8	65.6	57.6	44.0	35.2	28.1	44.8
	27.9	30.5	34.2	42.1	50.1	58.2	65.6	63.6	57.5	47.0	36.4	29.8	45.3
Gila Bend	53.6	60.5	62.7	71.1	78.2	84.9	92.4	92.7	85.8	71.2	60.8	53.6	72.3
	52.6	56.5	61.4	69.5	77.9	85.9	93.1	91.5	85.8	74.7	61.6	54.0	72.0
Grand Canyon	29.7	M	36.8	44.2	51.1	58.8	65.1	64.8	59.0	45.3	36.4	30.9	47.5
	30.5	33.3	37.6	45.8	54.5	63.3	69.4	67.1	61.7	51.0	39.2	32.2	48.8
Kingman	42.6	47.8	49.8	57.1	67.0	74.7	80.8	80.4	72.6	60.2	49.0	41.8	60.3
	43.4	46.8	51.5	58.8	66.0	75.3	82.1	80.0	74.1	62.8	52.0	44.2	61.4
McNary	31.0	33.7	38.1	45.7	50.8	59.6	65.0	64.3	59.5	48.2	40.5	30.7	47.3
	30.3	32.3	35.9	43.9	51.4	59.4	64.8	62.9	58.0	49.0	38.5	32.3	46.6
Parker	52.7	60.5	62.2	70.7	79.1	85.5	93.0	93.1	85.4	71.2	60.0	51.8	72.1
	52.4	57.3	62.5	70.3	78.6	86.4	93.7	92.4	86.4	74.6	61.2	53.2	72.4
Payson	38.9	43.6	45.1	52.6	59.3	66.4	74.2	74.1	67.9	54.8	45.2	38.3	55.0
	36.2	38.8	42.5	49.4	56.6	65.3	73.7	71.4	65.7	55.0	43.6	37.4	53.0
Phoenix	53.9	60.1	62.4	72.5	80.4	88.1	93.7	93.7	86.7	73.5	61.9	54.1	73.4
	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Prescott	34.9	39.6	41.9	49.0	56.3	63.4	70.5	70.2	63.9	51.3	42.6	36.0	51.6
	37.1	40.5	44.3	52.0	60.4	69.1	75.5	73.0	68.1	57.2	45.8	38.6	55.1
Safford	44.7	49.3	53.6	61.6	68.6	76.7	82.4	81.9	76.9	62.6	51.9	44.3	62.9
	44.9	49.2	54.2	62.8	71.0	80.0	85.0	82.3	77.1	66.0	53.3	45.9	64.3
Tucson	50.7	54.7	57.7	66.1	72.3	80.5	84.8	83.9	79.2	67.0	57.7	50.1	67.1
	51.1	53.7	57.9	65.8	73.9	82.6	86.5	84.2	80.7	70.6	59.0	52.2	68.2
Willcox	45.1	48.8	52.8	60.0	65.2	72.3	78.7	78.4	72.9	58.7	49.7	41.9	60.4
	41.5	44.8	49.5	57.0	64.8	73.6	78.9	76.3	71.4	60.5	48.8	42.0	59.1
Window Rock	29.9	32.4	39.1	47.3	53.5	61.6	69.6	68.4	61.3	47.1	37.2	29.9	48.1
	27.6	31.9	37.9	45.8	54.3	63.5	69.1	67.3	59.9	48.8	37.5	28.9	47.7
Winslow	33.7	40.2	46.7	55.0	61.2	70.6	75.9	75.4	69.1	52.3	43.5	35.9	55.0
	32.6	39.1	44.8	53.7	62.7	71.8	78.3	76.1	69.5	57.3	43.2	33.8	55.2
Yuma	56.4	63.2	64.4	72.9	78.9	84.9	93.3	93.1	86.2	75.2	62.9	55.8	73.9
	55.4	59.4	63.9	71.2	78.7	85.8	93.7	92.8	87.1	75.9	63.5	56.3	73.6

1/ Top row 1982, bottom row long-term average. M - Missing

Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

TOTAL PRECIPITATION, INCHES: Arizona, 1982 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Casa Grande	M	M	M	.00	.55	.00	.92	2.63	1.23	.00	.81	3.01	M
	.76	.67	.69	.35	.11	.16	.95	1.56	.70	.63	.56	.88	8.02
Douglas	.69	.15	.48	--	.58	.33	3.00	2.16	1.56	.00	1.39	3.22	13.56
	.71	.37	.56	.23	.09	.44	3.56	3.08	1.17	.55	.35	.71	11.82
Flagstaff	4.62	2.55	5.69	.25	.86	T	1.89	2.32	3.17	.71	5.36	3.67	31.09
	1.89	1.47	1.83	1.33	.56	.57	2.48	2.65	1.68	1.37	1.33	2.15	19.31
Gila Bend	.32	.76	1.93	.00	.23	.00	1.40	1.00	1.18	.00	1.29	1.45	9.56
	.62	.44	.65	.30	.10	.04	.76	1.08	.50	.33	.35	.59	5.76
Grand Canyon	2.76	M	3.30	1.81	1.11	.00	2.21	2.78	1.69	.96	3.77	2.82	M
	1.35	1.28	1.47	1.00	.54	.48	1.50	2.11	1.21	1.07	.82	1.59	14.42
Kingman	.69	.09	1.75	.44	.25	.00	T	1.71	1.75	.38	1.27	1.75	10.08
	1.36	.79	1.07	.57	.27	.15	.99	1.51	.61	.67	.58	.82	9.39
McNary	5.22	3.49	4.48	.30	2.02	.05	3.01	5.69	3.12	.10	5.29	4.29	37.06
	2.30	1.68	2.56	1.30	.56	.58	3.45	3.95	2.15	2.05	1.57	2.75	24.90
Parker	.39	.64	.90	T	.35	.00	T	2.67	T	.02	.37	1.17	6.51
	.53	.32	.52	.22	.03	.01	.30	.56	.26	.29	.32	.46	3.82
Payson	3.71	2.32	3.68	.17	1.30	.03	1.37	3.56	1.06	.13	5.30	4.40	27.03
	2.03	1.48	1.85	1.03	.47	.42	2.52	3.48	2.01	1.48	1.41	2.17	20.35
Phoenix	.81	.67	1.30	T	.50	T	.43	1.97	.12	T	2.50	1.64	9.94
	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Prescott	2.36	2.78	4.27	.60	1.73	T	3.52	4.19	1.09	.21	1.91	4.37	27.03
	1.70	1.36	1.36	.92	.35	.42	3.14	3.38	1.44	.99	1.17	1.81	18.04
Safford	1.74	.70	.55	T	.67	.05	2.38	2.46	1.07	.00	1.04	2.69	13.35
	.69	.41	.59	.24	.08	.21	1.90	1.44	1.12	.61	.35	.79	8.43
Tucson	1.56	.06	1.26	.05	.51	.13	2.13	2.51	2.69	.00	1.30	1.59	13.79
	.77	.70	.64	.35	.14	.20	2.38	2.34	1.37	.66	.56	.94	11.05
Willcox	1.65	.24	.92	.04	1.01	.29	.91	1.83	1.92	.00	1.08	2.90	12.79
	.78	.57	.59	.27	.13	.43	2.60	2.66	1.18	.59	.39	1.00	11.19
Window Rock	.74	1.24	1.45	.21	.41	T	2.42	4.02	1.88	.44	1.73	.86	15.40
	.90	.94	.86	.66	.57	.51	2.06	2.26	1.25	.93	.70	.96	12.60
Winslow	1.18	.83	.33	.11	1.27	T	2.07	2.69	.69	T	1.54	1.40	12.11
	.42	.38	.44	.36	.28	.28	1.18	1.50	.85	.69	.36	.59	7.33
Yuma	.27	.14	1.18	.00	T	.00	.23	.23	.16	T	.46	2.09	4.76
	.38	.27	.21	.11	.03	.00	.18	.44	.22	.27	.22	.34	2.67

1/ Top row 1982, bottom row long-term average. M - Missing T - Trace

Source: National Oceanic and Atmospheric Administration and U.S. Department of Commerce.

RESERVOIR STORAGE: Arizona, March 1, 1979-1983

Basin or Stream	Reservoir	Usable Capacity	Usable storage				
			1979	1980	1981	1982	1983
			Thousand Acre Feet				
GILA RIVER DRAINAGE							
Agua Fria	Lake Pleasant	157.6	157.6	155.7	103.5	69.0	152.0
Granite	Watson Lake	4.7	4.6	4.6	1.9	4.6	4.5
Granite	Willow Creek	6.1	6.1	6.1	0.8	2.2	5.6
Gila	San Carlos	935.0	975.0	1,089.0	645.0	265.0	363.0
Gila	Painted Rock Dam	2,492.0					288.0
Salt	Roosevelt, Apache, Canyon and Saguaro	1,709.0	1,624.0	1,485.0	1,406.0	1,206.0	1,514.0
Verde	Bartlett and Horseshoe	309.6	258.9	211.1	53.7	201.0	197.0
COLORADO RIVER DRAINAGE							
Colorado	Lake Havasu	619.4	528.1	497.8	553.7	559.0	553.0
Colorado	Lake Mohave	1,810.0	1,657.0	1,681.0	1,706.0	1,632.0	1,645.0
Colorado	Lake Mead	26,159.0	23,297.0	23,520.0	23,547.0	23,248.0	24,435.0
Colorado	Lake Powell	25,002.0	15,126.0	21,080.0	21,645.0	19,486.0	22,231.0
Little Colorado	Show Low Lake	5.1	5.1	5.1	0.6	0.8	4.9

WATER SUPPLY: Surface water supplies will be much above average in Arizona during 1983. The Salt River is expected to produce 194% of average discharge; the Verde River, 159%; and Tonto Creek, 209% of average. These streams are forecast to supply 775,000 acre-feet of water to the Salt River Project system by the end of May. The Gila River at Virden is forecast at 257% of average while the San Francisco River at Clifton is expected to run at 251% of average. Below the confluence of these streams the Gila River at Solomon should experience 289% of average flow over the three-month period. Streamflow on the Little Colorado River above Lyman Reservoir is forecast at 183% of average.

SNOW COVER: The March 1 snowpack was 174% of average on the Salt River Watershed; 213% of average on the Verde River; 218% on the Gila-San Francisco drainage; and 150% of average on the upper Little Colorado River.

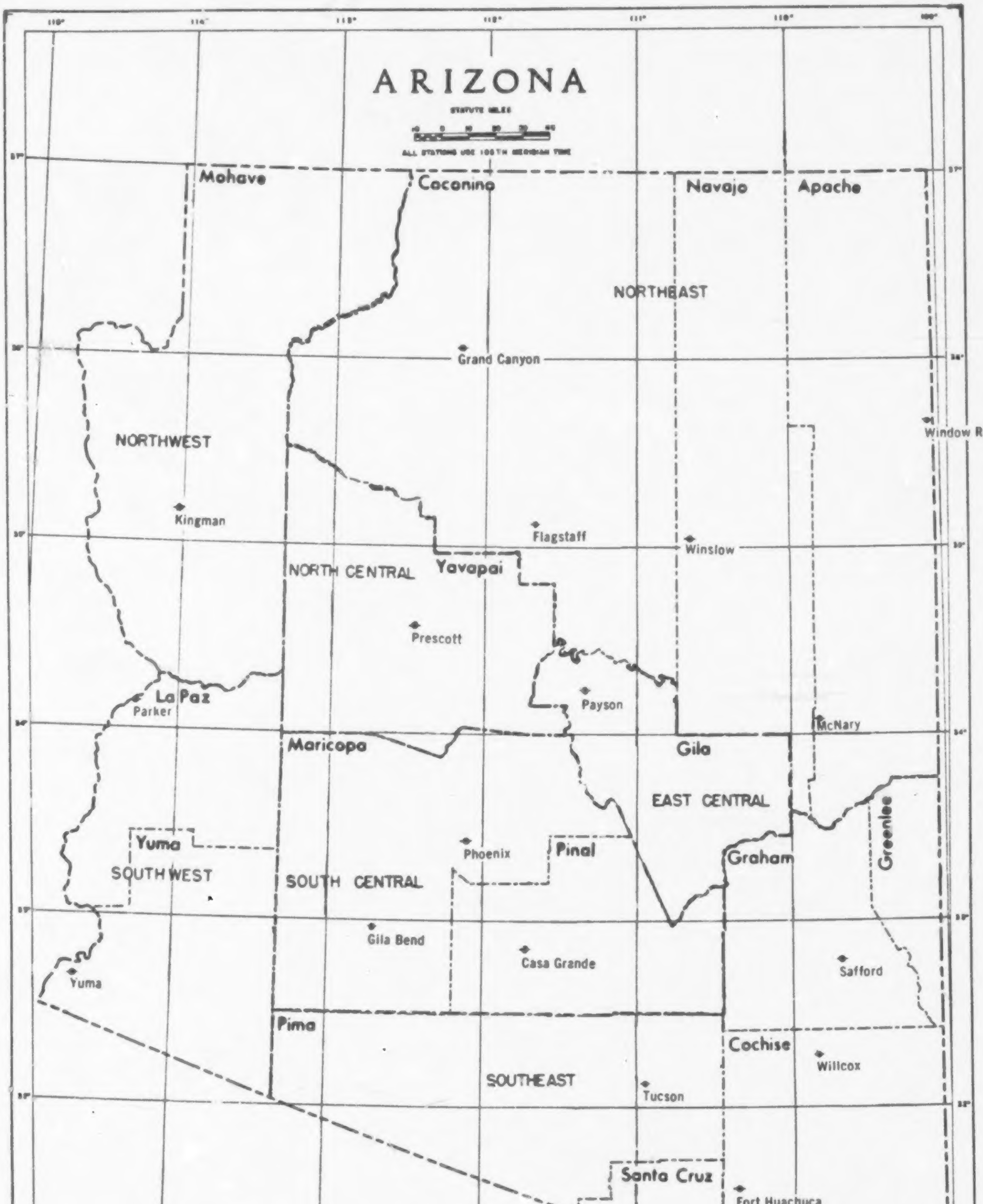
PRECIPITATION: Precipitation was heavy during the first two weeks of February. Freezing levels were low enough that significant snow fell as low as 5,000 feet elevation with snow actually falling down to 3,000 feet. The snow below 7,000 feet soon melted, however. Mid-February was essentially clear with unseasonable high temperatures. Less intense storms crossed the state during the last week of the month causing light precipitation. On February 28 precipitation in the 0.5 inch range was reported in Sedona and Williams with lighter precipitation over other parts of the state. A strong storm system entered the state on March 2 and remained until March 4. During this storm period the watersheds received precipitation ranging generally between 1.0 and 2.5 inches. Intensities were high at times. Phoenix received 2.54 inches during this storm.

STREAMFLOW: Runoff was heavy in early February in response to the precipitation received during the first half of the month. The Salt River Project reported a February inflow to their reservoir system of 491,500 acre-feet. As a result, it was necessary to release 434,000 acre-feet during the month. February flow on the Gila River at Solomon was 144,500 acre-feet.

RESERVOIR STORAGE: On March 1 the combined storage of six Salt River Project reservoirs was 1,711,000 acre-feet, which is 85% of capacity. Releases into the Salt River were at the rate of 1,600 cfs on March 1. In response to the storm which passed through Arizona between March 2 and 4 these releases were increased to 15,000 cfs by March 5. By March 6 the release had been reduced to 11,000 cfs. Lake Pleasant reported 152,000 acre-feet on March 1 at 96% of capacity. Releases from this reservoir began on March 2 at 500 cfs, increased to 8,000 cfs by March 4, and were reduced to 1,000 cfs by March 6. Storage in Painted Rock Dam was 288,000 acre-feet on March 1 with releases at 350 cfs. Releases were increased to 2,000 cfs. San Carlos Reservoir reported storage of 363,400 acre-feet on March 1 at 39% of capacity. Combined storage of four-major reservoirs on the Colorado River was 48,863,000 acre-feet at 91% capacity.

Source: U.S. Department of Agriculture, Soil Conservation Service.

WEATHER STATION LOCATIONS


ARIZONA
STATUTE MILES
ALL STATIONS USE 105TH MERIDIAN TIME
Mohave
Coconino
Navajo
Apache
NORTHEAST
Grand Canyon
Window Rock
NORTHWEST
Kingman
Flagstaff
Winslow
NORTH CENTRAL
Yavapai
Prescott
La Paz
Parker
Payson
McNary
Maricopa
Gila
EAST CENTRAL
Yuma
SOUTHWEST
Phoenix
Pinal
Graham
Greenlee
SOUTH CENTRAL
Gila Bend
Casa Grande
Safford
Yuma
Pima
Cochise
Willcox
SOUTHEAST
Tucson
Santa Cruz
Fort Huachuca
Douglas
ALBERS EQUAL AREA PROJECTION
STANDARD PARALLELS AT 29 1/2 AND 45 1/2

INTERNATIONAL TRADE SUMMARY

Jimmye H. Hillman

It is not possible under present methods of statistical measurement to determine what amount of Arizona's production is actually sold abroad. No reliable system of reporting this information has yet been designed, and no official series exists. If such figures were available they would be of little use to farm analysts and producers unless they bore some regular relationship to the state's annual agricultural production.

The alternative that is usually taken is to impute to each state a share of U.S. exports proportional to its share of total U.S. production. The export values appearing in the following table were calculated in this manner for the years 1977-78 through 1981-82. The ratio of Arizona production to U.S. production for each commodity listed was multiplied by the value of U.S. exports of that commodity. The same procedure can also yield an export value share for the southwest states taken together. While in certain cases the actual export value can be found to differ from the imputed export share, the defense of the calculation rests on the principle that supplies of a given commodity from one state or another are essentially interchangeable in domestic and foreign markets.

In the decade ended 1981, Arizona's exports in all the categories have increased, in some spectacularly. 1/ Its share of all U.S. grain exports has fallen slightly. This fact is understandable, since Arizona was not as affected by the world wheat boom of the 1970's as were several Great Plains states. On the other hand, Arizona's share of cotton and products doubled, reflecting a tenfold and an eightfold increase in exports of lint and cottonseed oil, respectively. The three categories constituting animals and animal products showed a considerable increase in value. But U.S. exports rose commensurately, so that Arizona's share in this and the two other livestock categories remained almost unchanged. In horticultural products, Arizona's share of fruits held at about 3 percent, while that of vegetables declined. Over all categories, Arizona's exports expanded 548 percent in the past 10 years, but its total contribution to U.S. trade increased only two-tenths of a percentage point. Even with the prodigious contribution of California, the exports of the whole Southwest region grew only five-tenths of a point relative to the exports of the nation -- cogent testimony to the diffuse strength of American agriculture.

1/ For a detailed analysis see, Arizona and the U.S. Foreign Trade in Agricultural Commodities, by Robert Rothenberg, and Jimmye S. Hillman, College of Agriculture, University of Arizona, July 1983.

AGRICULTURAL EXPORTS: Arizona's equivalent share of value, by commodity group, fiscal years 1977-78 to 1981-82 1/

COMMODITY GROUP	1977-78	1978-79	1979-80	1980-81	1981-82 2/
	Million Dollars				
Wheat and Products	26.1	23.1	32.8	51.6	39.2
Feedgrains and Products	13.7	13.9	13.5	17.6	10.4
Cotton, Including Linters	134.6	197.3	279.3	288.2	222.5
Cottonseed Oil	16.6	20.8	24.7	30.0	23.6
Fruits and Preparations	32.7	41.2	33.0	40.3	43.8
Vegetables and Preparations	13.8	13.0	7.3	11.5	12.6
Animals and Meats (Exclude Poultry)	6.4	10.4	12.8	15.9	16.6
Hides and Skins	9.0	16.3	11.0	11.2	11.1
Poultry Products	.2	.2	.2	.3	.2
Lard and Tallow	8.1	11.4	10.8	11.3	9.6
Dairy Products	--	--	.1	.8	.4
Other	19.1	25.3	13.8	16.1	14.1
ARIZONA	280.3	372.9	439.3	494.8	404.1
UNITED STATES	27,289.0	31,975.4	40,481.4	43,780.1	39,094.5

1/ Fiscal years October 1 - September 30.

2/ Preliminary.

Source: USDA Economic Research Service. "Foreign, Agricultural Trade of the United States", March/April 1983 and earlier years.

FARM LABOR SUMMARY

FARM LABOR: Arizona, by quarterly survey week, January 1978 - April 1981 1/

Year and survey week	Number of workers			Weekly hours worked per worker		
	Hired	Family	Total	Farm operator	Other unpaid family workers 2/	Hired workers
	Thousands			Hours		
1978						
January 8-14	15.1	16.2	31.3	36.3	31.4	38.9
April 9-15	16.5	15.3	31.8	46.7	27.9	47.0
July 9-15	18.0	20.0	38.0	43.5	34.6	43.5
October 8-14	17.0	14.0	31.0	39.9	31.6	50.0
1979						
January 7-13	6.5	14.0	20.5	32.1	30.0	45.2
April 8-14	12.0	14.0	26.0	37.5	34.0	51.8
July 8-14	15.0	18.0	33.0	37.3	25.0	53.7
October 7-13	14.0	16.0	30.0	35.2	26.9	52.1
1980						
January 6-12	11.0	14.0	25.0	42.4	27.1	48.2
April 6-12	15.0	13.0	28.0	47.5	38.0	51.2
July 6-12	16.0	15.0	31.0	47.0	30.9	48.1
October 12-18	13.0	14.0	27.0	45.3	38.7	53.0
1981						
January 11-17	15.0	14.0	29.0	39.5	38.7	45.4
April 12-18	12.0	14.0	26.0	40.0	41.3	48.4

1/ Quarterly labor survey discontinued in May 1981. Replaced by annual farm labor survey beginning in July 1982.

2/ Includes as "other family" only those household members working 15 or more hours per week without receiving cash wages.

FARM LABOR: Arizona, by annual survey week, July, 1982 1/

Survey week and year	Number of workers							Weekly hours worked per worker		
	Hired			Family			Total all	Self employed	Unpaid	Hired
	150 days or more	149 days or less	Total	Self employed	Unpaid	Total				
	Thousands							Hours		
1982										
July 11-17	9	4	13	1	14	15	28	44.0	33.1	46.3

1/ Annual farm labor survey beginning in July 1982.

WAGE RATES: Arizona, by quarterly survey week, January 1978 - April 1981 1/

Year and survey week	Farm wage rates by type of work					
	All hired farm workers 2/	Field workers	Livestock workers	Machine operators	Supervisors	Other agricultural workers 3/
	Dollars Per Hour					
1978						
January 8-14	3.25	2.93	2.87	3.33	4.75	3.62
April 9-15	3.49	3.10	3.00	3.39	5.44	3.99
July 9-15	3.23	3.20	2.98	3.25	5.40	4.00
October 8-14	3.57	3.18	4/	3.59	5.35	4.14
1979						
January 7-13	3.30	2.98	2.80	3.61	5.42	4/
April 8-14	3.48	3.40	3.17	3.55	5.25	4/
July 8-14	3.39	3.22	2.92	3.65	4.75	4/
October 7-13	3.44	3.23	3.03	3.33	5.25	4/
1980						
January 6-12	3.59	3.25	3.00	3.63	5.27	4/
April 6-12	3.52	3.25	3.20	3.80	5.43	4/
July 6-12	3.68	3.42	3.05	4.00	5.24	4/
October 12-18	3.65	3.38	3.08	3.81	5.57	4/
1981						
January 11-17	4.05	3.75	3.50	4.20	5.98	4/
April 12-18	4.10	3.85	3.49	4.27	5.48	4/

1/ Quarterly labor survey discontinued in May 1981. Replaced by annual farm labor survey beginning in July 1982.

2/ Insufficient data for packing house workers - data included in "all hired farm workers".

3/ Maintenance and bookkeeping workers included in "other agricultural workers".

4/ Insufficient data for this category - data included in "all hired farm workers".

WAGE RATES: Arizona, by annual survey week, July 1982 1/

Survey week and year	Hired workers							
	Type of work					Method of pay		
	Field	Livestock	Combined field and livestock	Supervisory	Other	Hourly	Piece rate	Other
	Dollars Per Hour							
1982								
July 11-17	4.11	3.94	4.08	2/	2/	3.89	2/	4.58

1/ Annual farm labor survey beginning in July 1982.

2/ Insufficient data for this category.

MISCELLANEOUS STATISTICS

USUAL PLANTING AND HARVESTING DATES: By crops and principal producing areas, Arizona, 1982

Crop	Usual planting dates	Usual harvesting dates			Principal producing counties
		Begins	Most active	Ends	
FIELD CROPS					
ALFALFA HAY		Mar. 1		Dec. 1	Maricopa, Pinal, Yuma
BARLEY	Nov. 15 - Feb. 5	May 15	June 15	July 15	Graham, Maricopa, Mohave, Pima Pinal, Yuma
CORN	April 1 - June 1	Sept. 15	Oct. 15	Dec. 1	Cochise, Graham, Maricopa, Navajo, Pinal, Yuma
COTTON	Mar. 15 - May 15	Sept. 15	Nov. 25	Feb. 1	Cochise, Graham, Maricopa, Mohave, Pima, Pinal, Yuma
SAFFLOWER	Dec. 1 - Feb. 1	July 10	July 15	Aug. 1	Maricopa, Pinal, Yuma
SORGHUM	April 1 - July 1	Sept. 1	Oct. 15	Dec. 15	Cochise, Graham, Maricopa, Pinal, Yuma
SUGARBEETS	Sept. 1 - Oct. 25	May 1	June 30	Aug. 1	Maricopa, Pinal, Yuma
WHEAT	Nov. 15 - Feb. 5	May 15	June 15	July 15	Cochise, Graham, Maricopa, Mohave, Pima, Pinal, Yuma
VEGETABLES, MELONS AND POTATOES					
BROCCOLI	Aug. 5 - Oct. 15	Nov. 1	Dec. 1 - Feb. 28	Mar. 20	Maricopa, Yuma
CANTALOUPS					
Spring	Feb. 1 - Apr. 15	May 20	June 10 - July 10	July 31	Maricopa, Pinal, Yuma
Fall	July 15 - Sept. 10	Sept. 30	Nov. 1	Nov. 30	Cochise, Maricopa, Pinal, Yuma
CARROTS	Aug. 20 - Mar. 1	Oct. 10	Jan. 1 - June 30	July 31	Cochise, Maricopa, Pinal
CAULIFLOWER	Sept. 1 - Nov. 1	Nov. 15	Jan. 1 - Feb. 15	Apr. 30	Maricopa, Yuma
HONEYDEWS					
Spring	Mar. 1 - Apr. 15	June 15	July 1 - Aug. 1	Aug. 10	Maricopa, Mohave, Yuma
Fall	July 15 - Sept. 15	Sept. 15	Oct. 15	Nov. 30	Maricopa, Mohave, Yuma
LETTUCE, OTHER					
Spring	Nov. 1 - Feb. 15	Mar. 10	Apr. 15 - Apr. 25	June 20	Cochise, Maricopa, Pima
Fall	July 20 - Sept. 15	Sept. 15	Oct. 20 - Nov. 30	Dec. 15	Cochise, Maricopa, Pima, Pinal
LETTUCE, YUMA	Aug. 15 - Dec. 1	Nov. 1	Dec. 1 - Mar. 31	Apr. 25	Yuma
ONIONS, DRY	Oct. 10 - Dec. 5	May 1	May 20 - June 15	July 1	Maricopa, Yuma
POTATOES	Jan. 1 - Jan. 31	Apr. 15	May 15 - June 15	July 15	Maricopa
WATERMELONS					
Spring	Jan. 20 - Mar. 15	May 20	July 15	Aug. 1	Cochise, Maricopa, Pinal, Yuma
Fall	July 15 - Sept. 10	Sept. 20	Nov. 1	Nov. 30	Cochise, Maricopa, Pinal, Yuma
CITRUS					
GRAPEFRUIT		Sept. 1	Dec. 1 - June 30	July 31	Maricopa, Pinal, Yuma
LEMONS		Aug. 20	Sept. 20 - Feb. 15	May 15	Maricopa, Pinal, Yuma
ORANGES, NAVEL		Nov. 1	Nov. 10 - Jan. 15	Mar. 15	Maricopa, Pinal, Yuma
ORANGES, VALENCIAS		Feb. 1	Mar. 15 - June 1	July 15	Maricopa, Pinal, Yuma
TANGERINES		Nov. 1	Jan. 1 - Apr. 15	May 25	Maricopa, Pinal, Yuma

LAND OWNERSHIP AND ADMINISTRATION: Acres and percent of total, Arizona, by counties, 1982 1/

County	Forest Service	Bureau of Land Management	State of Arizona	Indian reser- vations	Individual or corporate 2/	Other public lands 3/	Total area 4/	Area of	
								Land	Water 5/
					1,000 Acres				
Apache	485	142	702	4,677	1,021	154	7,181	7,175	6
Cochise	492	278	1,375	0	1,723	112	3,980	3,980	0
Coconino	3,260	593	1,133	5,355	744	862	11,947	11,909	38
Gila	1,705	58	30	1,144	130	6/	3,067	3,041	26
Graham	396	763	548	1,092	178	0	2,977	2,963	14
Greenlee	748	168	142	0	118	0	1,176	1,176	0
La Paz	0	1,747	188	226	175	553	2,889	2,870	19
Maricopa	658	1,716	608	268	1,763	891	5,904	5,841	63
Mohave	5	4,293	630	543	1,734	1,417	8,622	8,503	119
Navajo	488	127	375	3,464	1,920	6/	6,374	6,371	3
Pima	433	341	941	2,490	778	897	5,880	5,880	0
Pinal	220	545	1,236	770	668	0	3,439	3,420	19
Santa Cruz	419	0	64	0	309	0	792	792	0
Yavapai	1,962	558	1,393	4	1,284	6/	5,201	5,198	3
Yuma	0	465	264	4	411	2,387	3,531	3,526	5
Total	11,271	11,794	9,629	20,037	12,956	7,273	72,960	72,645	315

County	Forest Service	Bureau of Land Management	State of Arizona	Indian reservations	Individual or corporate 2/	Other public lands 3/
				Percent of Total Area		
Apache	7	2	10	65	14	2
Cochise	12	7	35	--	43	3
Coconino	27	5	10	45	6	7
Gila	56	2	1	37	4	6/
Graham	13	26	18	37	6	--
Greenlee	64	14	12	--	10	--
La Paz	--	60	7	8	6	19
Maricopa	11	29	10	5	30	15
Mohave	6/	50	7	6	20	17
Navajo	8	2	6	54	30	6/
Pima	8	6	16	42	13	15
Pinal	6	16	36	22	20	--
Santa Cruz	53	--	8	--	39	--
Yavapai	38	11	27	6/	24	6/
Yuma	--	13	7	6/	12	68
Total	15	16	13	28	18	10

1/ Reference dates: Forest Service, October 1, 1982; Bureau of Land Management, January 1, 1983; State, July 1, 1982 and Bureau of Indian Affairs, October 1, 1982.

2/ Derived as residual.

3/ Includes land administered by National Park Service, Department of Defense, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation and other state, county and city public land.

4/ U.S. Department of Commerce, Bureau of Census, 1980.

5/ The term "water" includes permanent inland water surface such as lakes, ponds and reservoirs having 40 acres or more of area and streams and canals one-eighth mile or more in width.

6/ Less than 0.5 percent.

AVERAGE COST OF IRRIGATION ENERGY: Arizona, January 1, July 1, 1978-82 1/

Year	Electric		Fuel adjustment		Natural gas		Fuel adjustment	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July
	Cents per KWH 2/		Cents per KWH		Cents per Therm 2/		Cents per Therm	
1978	3.47	3.15	0.040	-0.130	23.92	19.50	6.05	7.02
1979	3.96	3.78	0.100	0.300	19.78	25.80	3.64	9.39
1980	4.31	4.31	0.600	0.530	26.30	29.66	9.39	9.39
1981	4.26	4.04	0.600	0.530	30.41	29.70	9.39	7.16
1982	5.59	5.28	0.390	0.390	45.37	43.18	7.84	11.14

1/ To be used for comparison only. Includes only wells drawing power from Arizona Public Service.

2/ Includes fuel adjustment.

Source: Arizona Public Service

Definitions: 1 KWH equals 1,000 watts operating for 1 full hour.
1 KW equals 1,000 watts.
1 HP equals 746 watts.
.746 KWH equals 1 HP operating for 1 full hour.
1 Therm equals that unit of gas having 100,000 BTU's (British Thermal Unit) of heating value.

MOTOR FUELS: Prices paid, Arizona, 1978-82

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars Per Gallon						
						DIESEL FUEL						
1978	.470	.480	.500	.450	.480	.500	.480	.450	.460	.460	.460	.480
1979	.480	.490	.540	.550	.640	.640	.670	.790	.800	.830	.800	.790
1980	.850	.950	1.030	1.030	1.100	1.050	1.060	.970	1.010	1.050	1.050	1.080
1981	1.090	1.140	1.170	1.130	1.160	1.180	1.180	1.180	1.240	1.230	1.200	1.200
1982	1.240	1.250	1.170	1.060	1.050	1.060	1.070	1.100	1.070	1.060	1.110	1.120
						GASOLINE, REGULAR, BULK DELIVERY						
1978	.590	.560	.580	.600	.610	.600	.630	.650	.630	.650	.660	.660
1979	.640	.620	.690	.730	.790	.780	.820	.850	.880	.930	.920	.940
1980	.970	1.090	1.120	1.160	1.170	1.170	1.140	1.160	1.150	1.170	1.170	1.140
1981	1.140	1.290	1.320	1.290	1.310	1.290	1.310	1.310	1.340	1.290	1.290	1.280
1982	1.270	1.240	1.190	1.120	1.130	1.200	1.240	1.240	1.210	1.220	1.170	1.130
						GASOLINE, UNLEADED, SERVICE STATION						
1978	.660	.640	.660	.640	.650	.660	.680	.670	.680	.690	.670	.680
1979	.690	.720	.760	.830	.870	.910	.940	.960	.980	.990	1.000	1.020
1980	1.140	1.210	1.220	1.240	1.230	1.230	1.250	1.200	1.210	1.220	1.240	1.220
1981	1.230	1.320	1.350	1.360	1.360	1.370	1.370	1.380	1.400	1.360	1.360	1.360
1982	1.390	1.380	1.310	1.260	1.260	1.290	1.350	1.340	1.330	1.320	1.310	1.290

COTTON GINNING CHARGES, HARVESTING PRACTICES AND SELECTED MARKETING COSTS: Arizona, 1978-79 to 1981-82

Item	Unit	1978-79	1979-80	1980-81	1981-82
BALES GINNED (running bales)	Thousands	1,020	1,247	1,383	1,497
ACTIVE GINS	Number	NA	120	120	120
WRAPPING & GINNING CHARGES PER BALE:					
Total charge per 480-lb. net weight bale 1/	Dollars	33.93	33.91	38.60	42.91
Charges per bale for bagging and ties when assessed separately	Dollars	2/	2/	2/	5.00
METHOD OF HARVESTING:					
Machine-picked	Percent	89	94	89	89
Machine-stripped	Percent	--	--	3/	3
Machine-scrapped	Percent	11	6	11	8
WEIGHT OF SEED COTTON PER 480-LB. NET WEIGHT BALE:					
Machine-picked	Pounds	1,537	1,468	1,511	1,459
Machine-stripped	Pounds	--	--	1,649	2,057
Machine-scrapped	Pounds	2,019	1,764	1,870	1,872
COTTON GINNED FROM:					
Trailers	Percent	81	70	59	44
Modules	Percent	19	30	41	56
PROPORTION OF PRODUCTION PURCHASED BY GINNERS FROM GROWERS AS BALED LINT:	Percent	16	2	9	3/
Ginners purchases as					
Principal	Percent	NA	--	--	--
Agents	Percent	NA	100	100	100
CHARGES FOR WAREHOUSING & RELATED SERVICES 4/:					
Charge per bale for receiving	Dollars	2/	2/	2/	2/
Charge per bale per month for insured storage	Dollars	1.17	1.40	1.60	1.65
Charge per bale for compressing to universal density	Dollars	4.80	5.28	6.02	6.21
Charge per bale for outhandling	Dollars	2/	NA	NA	5.20

1/ Includes bagging and ties, drying of seed cotton and use of lint cleaners, but does not reflect any patronage dividends or customer rebates.

2/ Separate charges not available.

3/ Less than 1 percent.

4/ Based on published tariffs.

NA = not available.

Source: U.S. Department of Commerce, Bureau of the Census and USDA-AMS Cotton Division (released each August).

FERTILIZER AND MINERAL CONSUMPTION: Arizona, 1978-82

Fertilizer and minerals	1978	1979	1980	1981	1982
			Tons		
COMMERCIAL FERTILIZER					
Liquid Commercial Fertilizer	165,095	208,612	216,229	231,252	194,959
Mixed Commercial Fertilizer, Dry	61,584	89,981	79,169	71,470	54,025
Urea	28,968	37,884	32,673	32,162	25,889
Ammonium Nitrate	3,749	7,657	3,785	4,101	3,995
Ammonium Sulfate	9,895	9,777	7,445	8,115	6,679
Superphosphate, Normal	524	672	--	--	--
Superphosphate, Treble	2,937	2,732	3,512	2,608	3,024
Potassium Sulfate and/or Chloride	570	981	242	545	270
Calcium Nitrate	1,389	1,783	760	737	1,900
Miscellaneous, Dry	1,998	1,016	1,862	1,406	1,477
TOTAL	276,709	361,095	345,677	352,396	292,218
AVAILABLE NITROGEN, PHOSPHOROUS AND POTASSIUM 1/					
N	90,445	113,549	118,366	119,783	95,380
P_2O_5	28,788	36,793	28,300	28,390	24,455
K_2O	1,060	1,038	924	1,449	960
AGRICULTURAL MINERALS					
Gypsum	9,494	13,475	32,881	49,205	33,973
Iron Products	1,345	1,206	1,385	2,856	2,520
Sulfur Products	3,316	2,017	1,310	1,455	1,653
Lime Sulfur	2,317	2,067	1,665	1,252	854
Sulfuric Acid	1,651	1,217	1,229	565	745
Micronutrients	1,230	732	1,130	950	630
TOTAL	19,353	20,714	39,600	56,283	40,375

1/ Amounts of nitrogen, phosphorous and potassium available in the above commercial fertilizer totals.

Source: Arizona State Chemist.

PESTICIDE SALES: By type, Arizona, 1977-81 1/

1,000 Lbs. Technical Material

Pesticide type	1977	1978	1979	1980	1981
INSECTICIDES					
Acephate	332	272	195	158	58
Chlordane	194	249	129	158	66
Chlordimeform	0	255	291	273	512
Ethyl Parathion	699	272	34	79	129
Methomyl	535	245	236	145	117
Methyl Parathion	1,885	1,882	299	403	547
Monocrotophos	373	219	159	254	219
Permethrin	0	210	188	288	231
Sulfur	1,161	1,875	1,011	2,463	11,606
Other	4,227	2,818	1,622	2,104	1,643
TOTAL	9,406	8,297	4,164	6,325	15,128
HERBICIDES					
DCPA	35	44	150	90	72
Dinoseb	129	187	335	272	110
EPTC	130	136	249	170	132
Glyphosate	88	111	143	186	165
MSMA	135	149	89	67	55
Pendimethalin	78	87	155	163	131
Prometryn	131	128	160	164	187
Trifluralin	73	117	223	181	140
Other	491	717	777	508	422
TOTAL	1,290	1,676	2,281	1,801	1,414
FUNGICIDES - BACTERICIDES					
Copper Oxychloride Sulfate	0	41	33	17	14
Copper Sulfate	8	46	36	20	66
Maneb	36	47	154	120	49
PCNB	25	25	19	14	13
Other	101	56	124	99	66
TOTAL	170	215	366	270	208
DEFOLIANTS, DESSICANTS AND GROWTH REGULATORS					
Arsenic Acid	50	42	119	124	24
Cacodylic Acid	67	36	81	52	2
DEF	229	230	166	171	99
Merphos	123	97	89	124	103
Sodium Chlorate	1,993	1,326	1,239	1,810	979
Other	103	91	97	60	32
TOTAL	2,565	1,822	1,791	2,341	1,239
FUMIGANTS					
D-D	282	319	380	596	300
Dichloropropene	28	65	154	292	284
Methyl Bromide	16	42	22	16	12
Other	11	71	7	18	50
TOTAL	337	497	563	922	646

1/ Major pesticides listed separately by types. All others are grouped into the "other" category.

Source: Council for Environmental Studies, College of Agriculture, The University of Arizona.

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PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1981 revised

Crop	State total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland Cotton: Acres	599,000	*	35,200	*	*	16,500	900	239,400	6,500	*	19,800	153,600	*	*	127,100
Bales, 480 lbs. net wt.	1,556,000														
American-Pima Cotton: Acres	33,600	*	900	*	*	6,550	*	11,600	*	*	2,150	6,150	*	*	6,250
Bales, 480 lbs. net wt.	53,700														
Alfalfa: Acres	160,000	1,900	10,500	500	100	6,000	900	51,000	4,000	4,800	1,400	13,500	1,500	2,900	61,000
Production, tons	1,120,000														
Other Hay: Acres	30,000	2,000	1,000	600	500	900	200	7,500	500	1,600	500	2,500	1,000	2,200	9,000
Production, tons	96,000														
Other Wheat for Grain: Acres	43,000	*	1,800	800	*	2,800	800	5,700	500	700	600	9,500	300	600	18,900
Production, tons	107,070														
Durum Wheat for Grain: Acres	215,000	*	1,000	*	300	1,400	200	119,600	5,000	*	4,000	70,700	*	*	12,800
Production, tons	548,250														
Barley for Grain: Acres	43,000	*	800	*	500	2,000	*	16,500	500	300	1,000	18,000	*	*	3,000
Production, tons	98,040														
Corn for Grain: Acres	35,000	*	25,000	700	*	4,000	*	*	*	3,300	*	*	500	500	*
Production, tons	127,400														
Sorghum for Grain: Acres	26,000	900	4,800	*	*	2,900	700	3,000	1,500	800	2,400	6,000	*	*	2,800
Production, tons	60,420														
Sugarbeets: Acres	12,600		*			*		4,250			400	5,700			2,250
Production, tons	300,000														
Safflower: Acres	1,500							900				600			*
Production, tons	1,725														
Vegetables: Acres	55,600		2,360					18,920	1,300		750	1,840		*	30,430
Production, commercial cwt.	14,034,000														
Grapefruit: Acres	8,110							5,290			*	*			2,820
Production, ctns.	5,600,000														
Oranges 1/: Acres	16,360							9,940			*	*			6,420
Production: ctns.	6,600,000														
Lemons: Acres	19,180							2,150			*	*			17,030
Production, ctns.	14,000,000														
Other Crops 2/: Acres	87,000														
Total acres harvested 3/	1,384,950														

1/ Includes tangerines and tangerine types.
2/ Includes miscellaneous fruits, vegetables and field crops not listed above.
3/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.

PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1982 preliminary

Crop	State total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Upland Cotton: Acres Bales, 480 lbs. net wt.	465,000 1,095,000	*	28,100	*	*	12,000	1,100	181,000	5,500	*	15,700	134,200	*	*	87,400
American-Pima Cotton: Acres Bales, 480 lbs. net wt.	41,600 65,900	*	700	*	*	11,400	*	10,050	*	*	2,700	9,300	*	*	7,450
Alfalfa: Acres Production, tons	160,000 1,168,000	1,900	8,400	400	100	5,000	500	51,400	6,400	4,800	1,300	14,800	1,300	3,200	60,500
Other Hay: Acres Production, tons	25,000 73,000	1,800	200	500	400	900	100	7,200	1,000	1,500	400	2,200	1,300	400	7,000
Other Wheat for Grain: Acres Production, tons	64,000 161,280	200	1,500	400	*	3,700	700	24,600	*	1,000	800	4,500	*	1,000	25,400
Durum Wheat for Grain: Acres Production, tons	79,000 210,930	*	*	*	*	400	200	29,300	3,500	*	3,700	35,800	*	*	5,900
Barley for Grain: Acres Production, tons	63,000 158,760	*	300	*	500	6,000	*	19,800	1,000	300	1,000	28,700	*	*	4,300
Corn for Grain: Acres Production, tons	25,000 94,500	200	15,200	400	*	2,500	*	*	*	5,200	*	*	*	400	*
Sorghum for Grain: Acres Production, tons	13,000 30,580	600	1,800	*	*	1,600	*	3,200	*	600	700	2,500	*	*	1,600
Sugarbeets: Acres Production, tons	12,800 298,000		*			*		3,900			300	5,900			2,700
Safflower: Acres Production, tons	4,600 5,700							2,950				*			1,650
Vegetables: Acres Production, commercial cwt.	61,250 15,794,000		3,275					22,740	900		650	2,675		*	31,010
Grapefruit: Acres Production, ctns.	8,160 4,800,000							5,440			*	*			1,720
Oranges 1/: Acres Production, ctns.	16,910 7,600,000							10,970			*	*			5,940
Lemons: Acres Production, ctns.	21,610 12,600,000							2,250			*	*			19,360
Other Crops 2/: Acres	102,000														
Total acres harvested 3/	1,162,930														

1/ Includes tangerines and tangerine types.

2/ Includes miscellaneous fruits, vegetables and field crops not listed above.

3/ Includes multiple crop acreage.

* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.